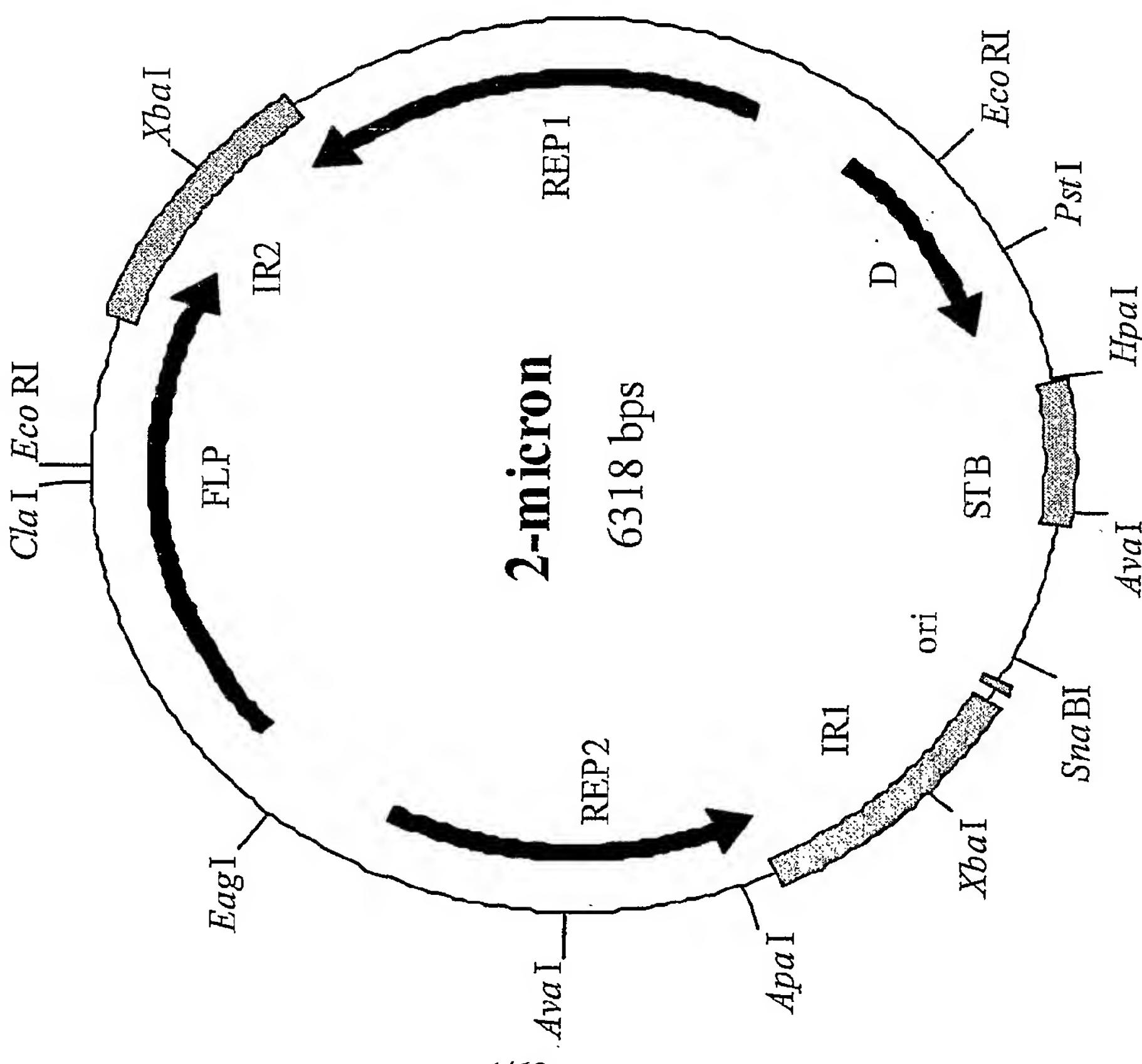


**Figure 1**



**Figure 2**

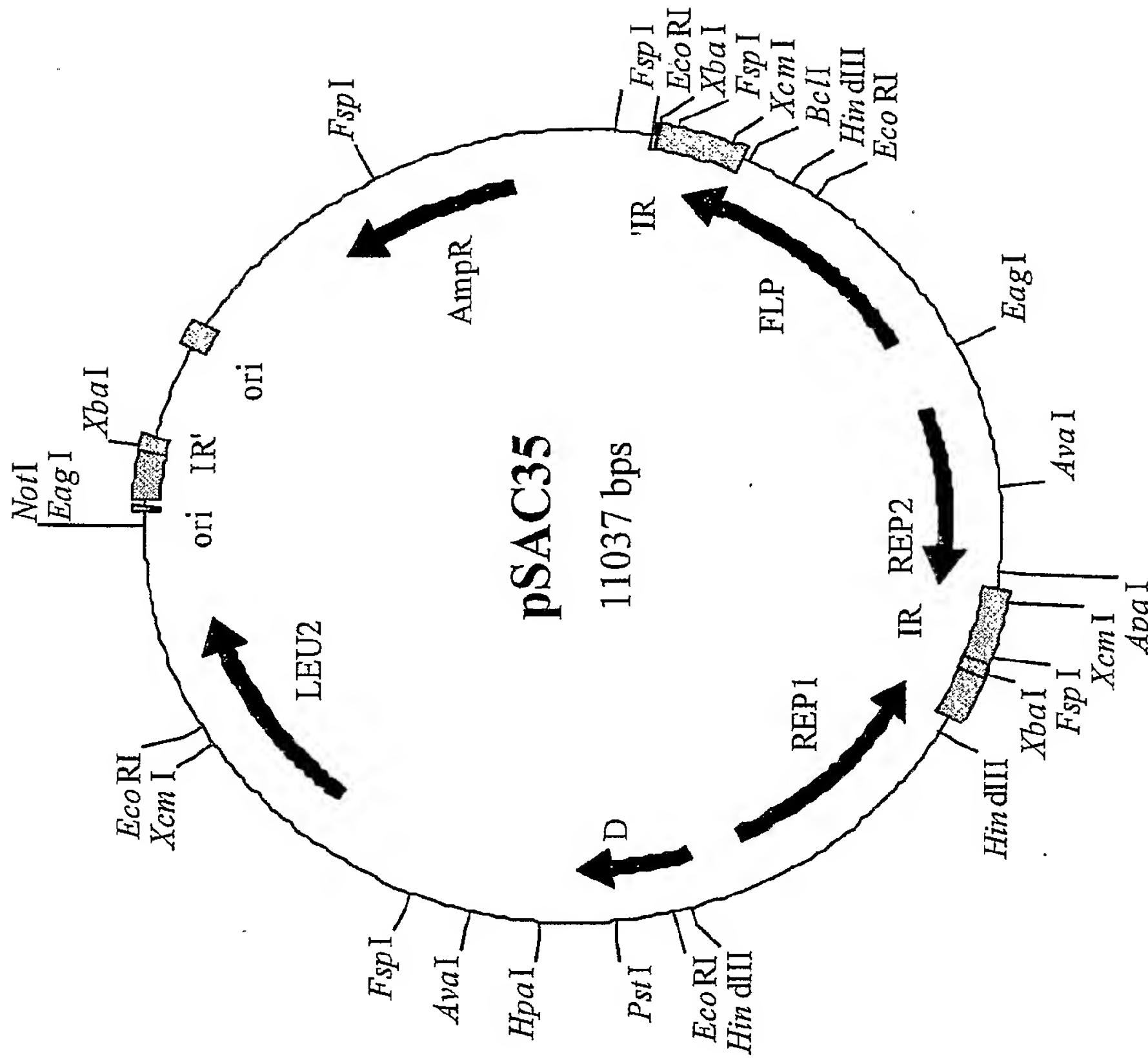


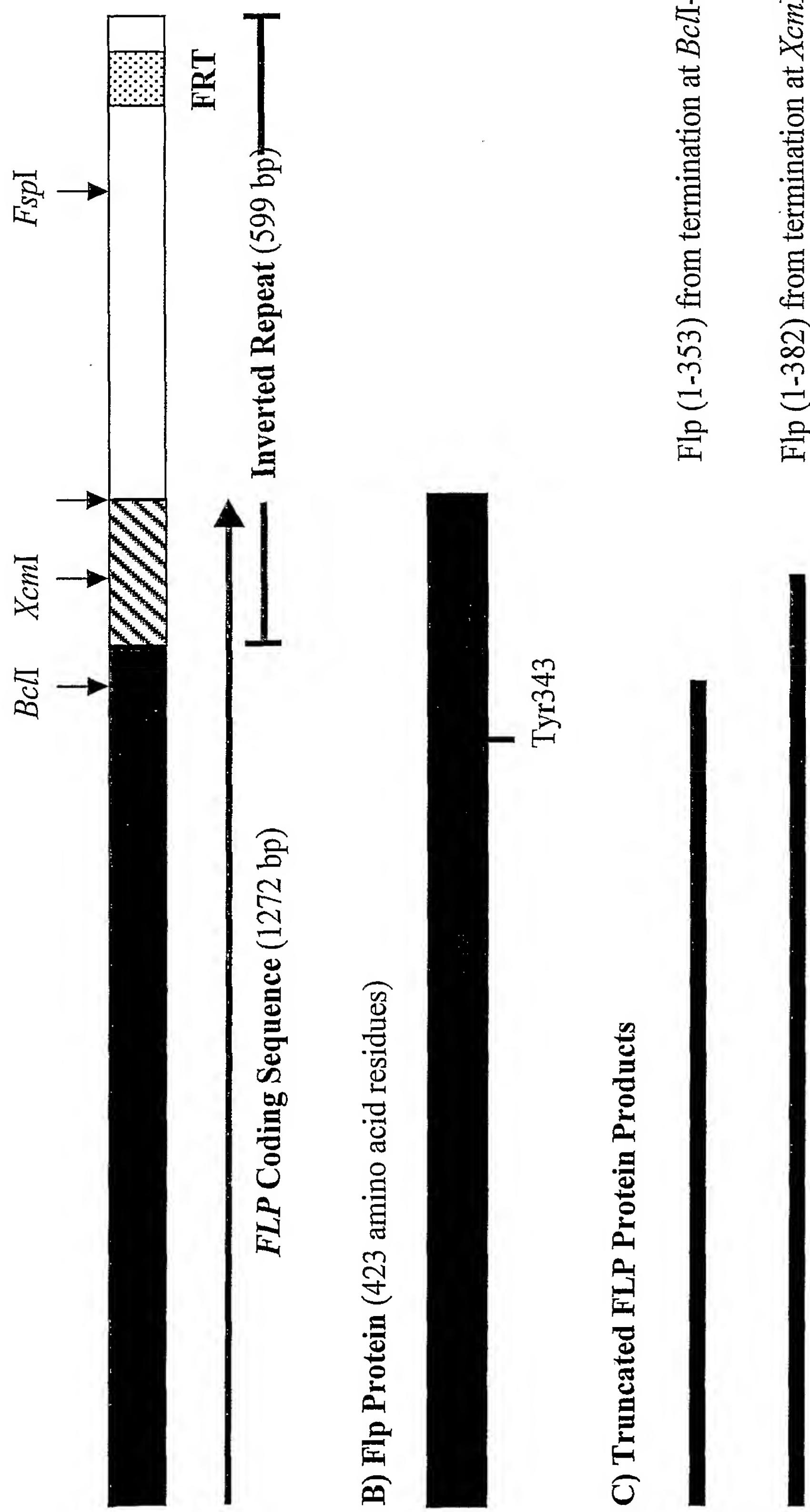
Figure 3A) Restriction Endonuclease Sites used for DNA Insertions in *FLP* and the *FLP* Inverted

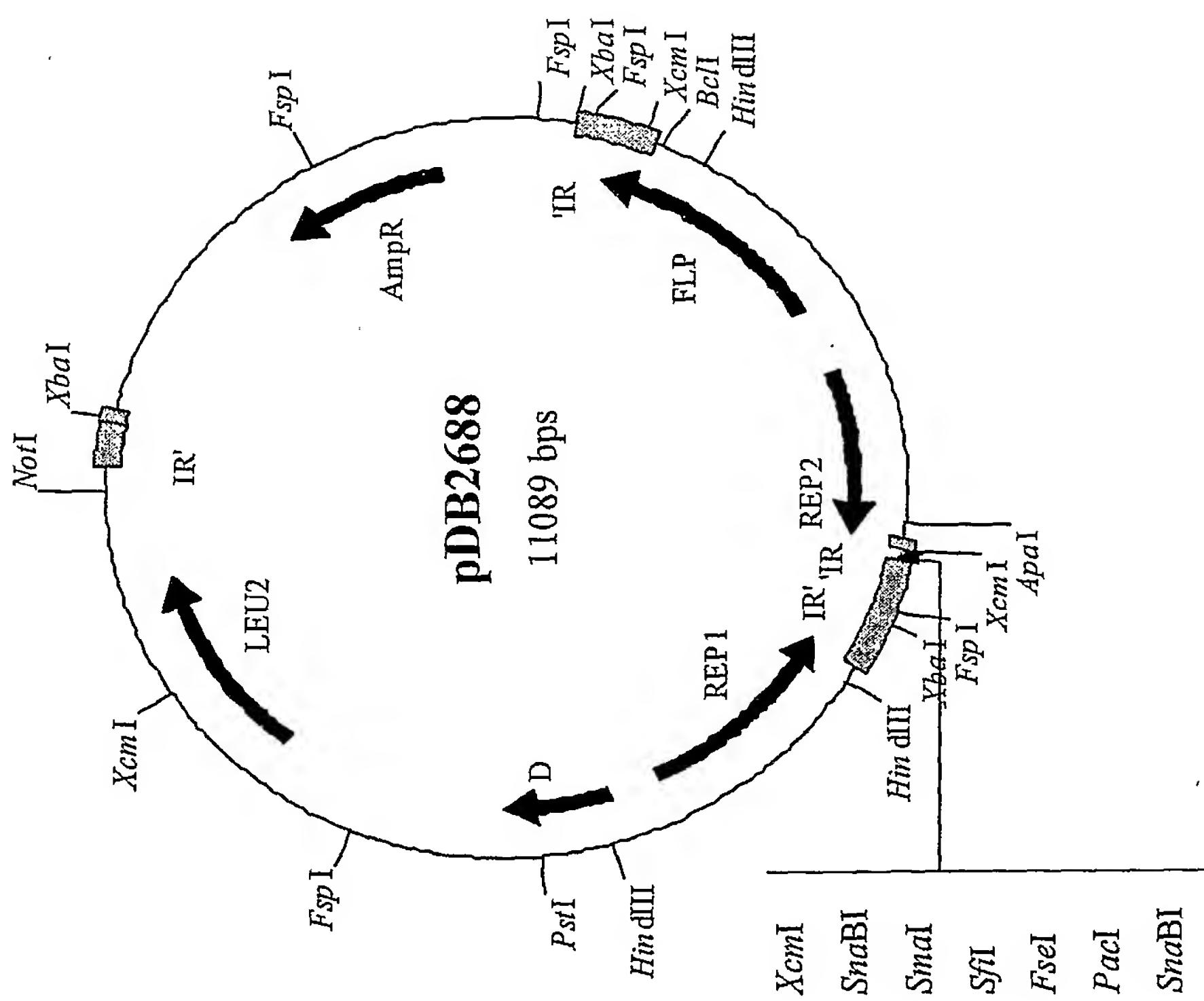
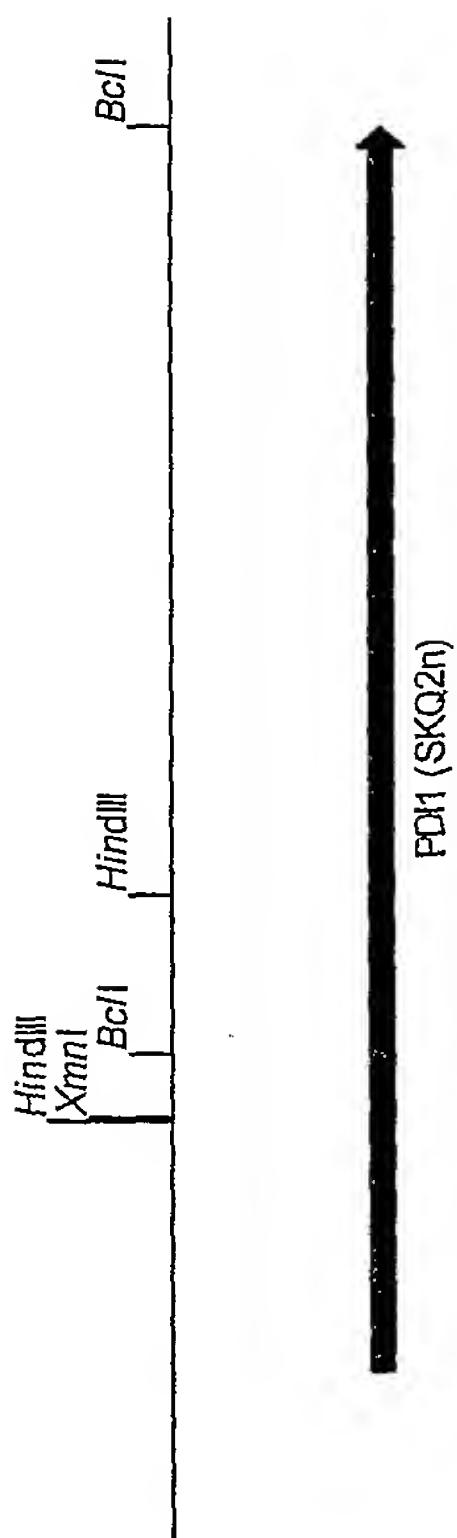
Figure 4Figure 5

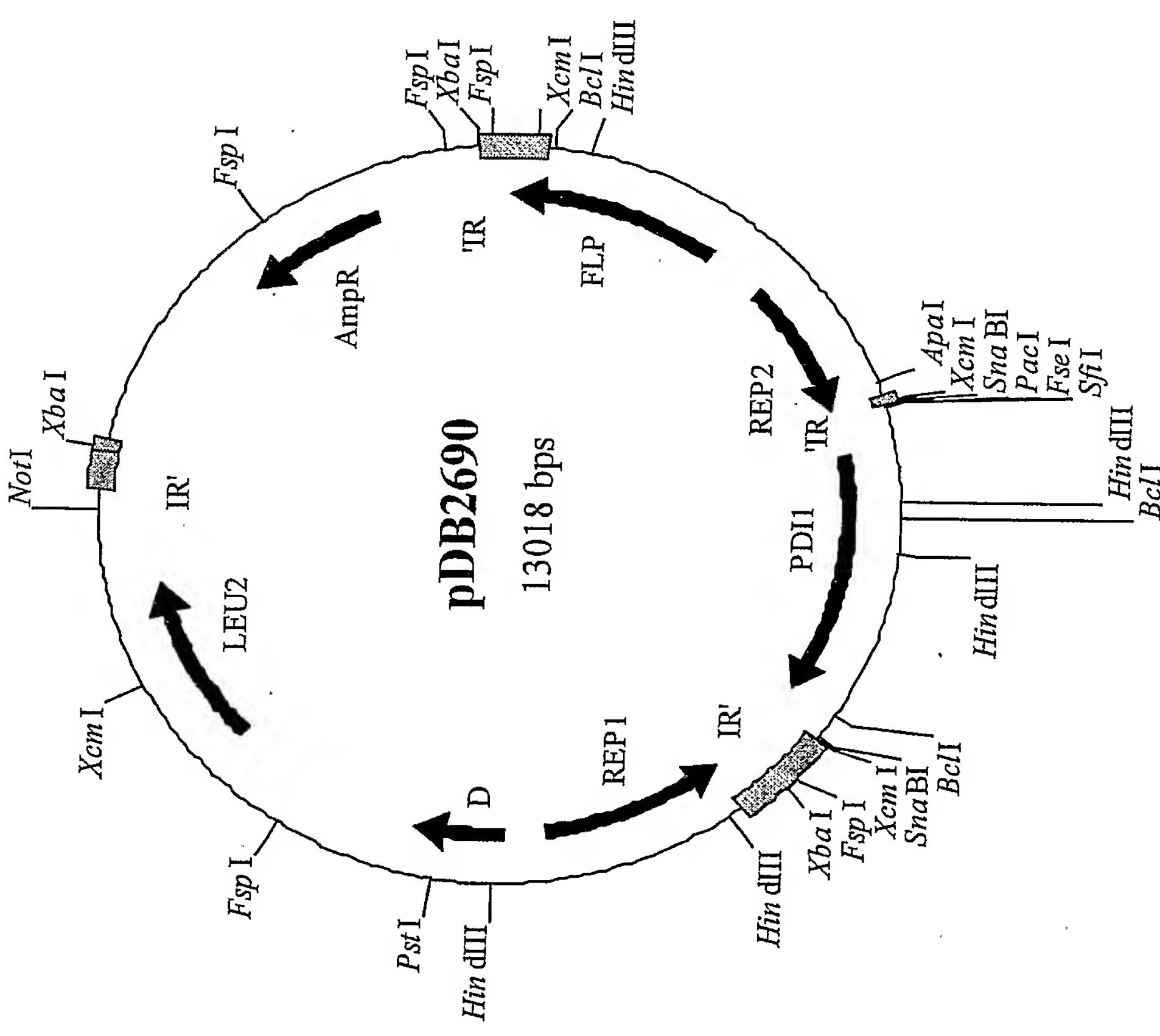
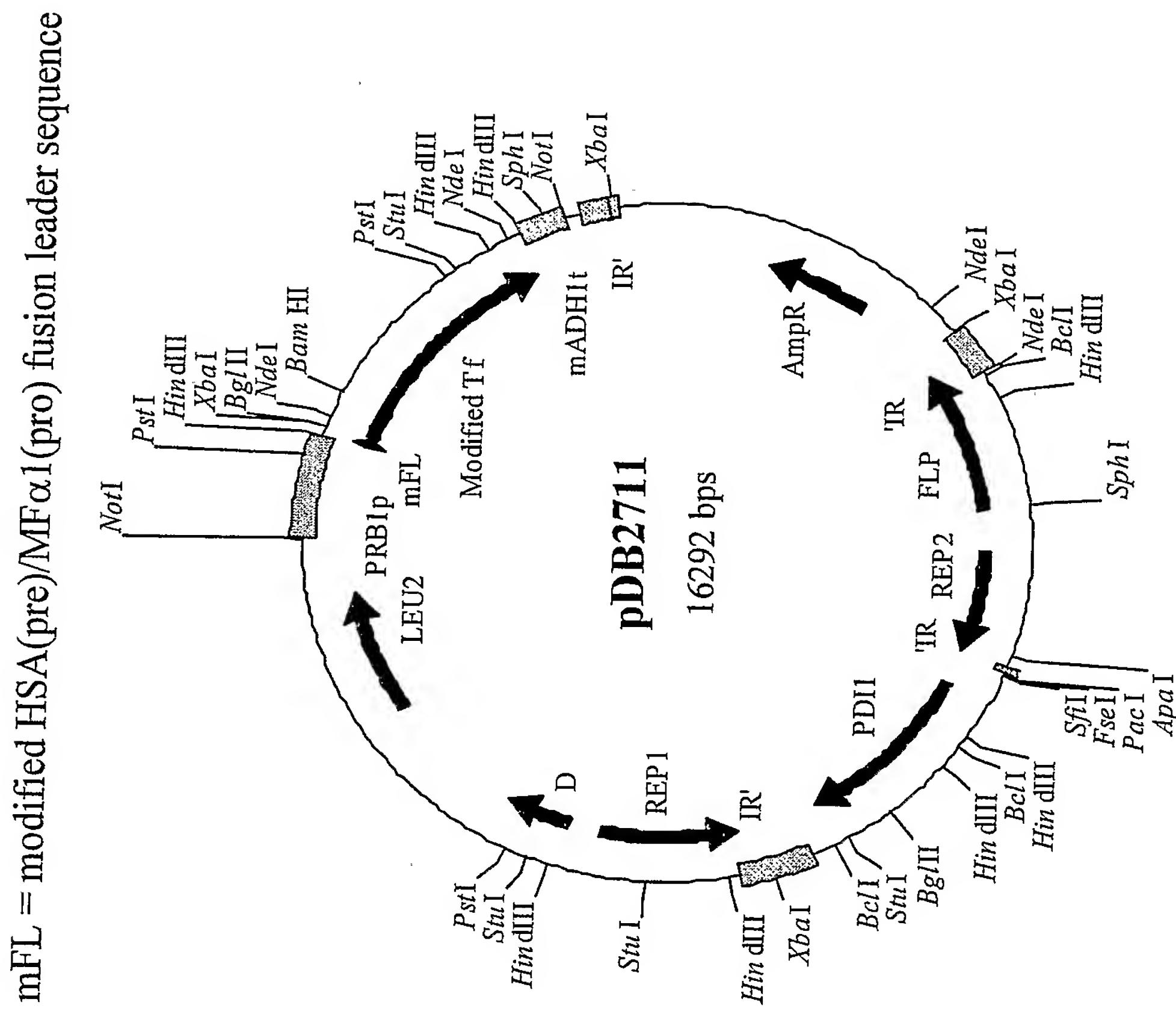
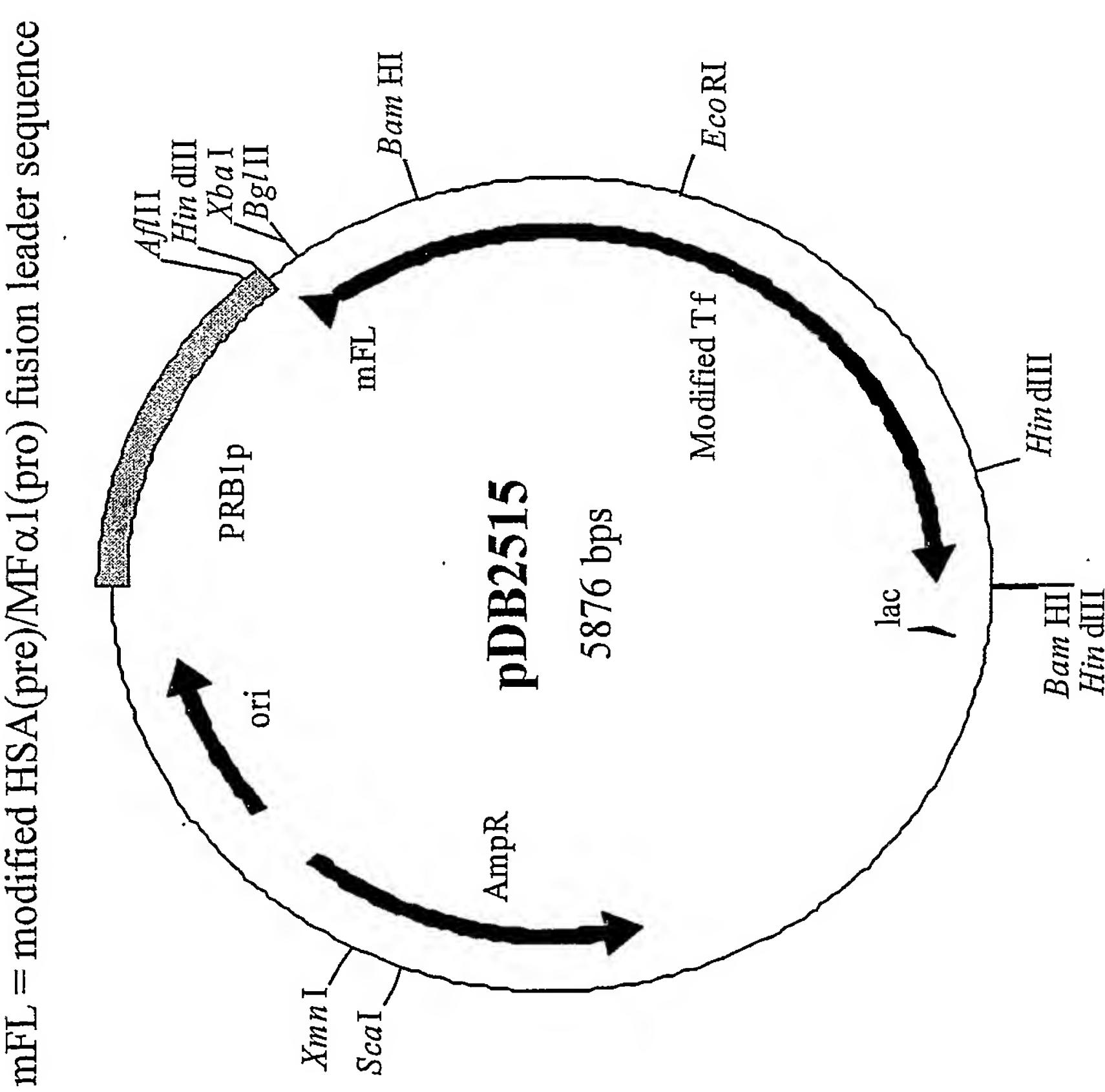
Figure 6Figure 7

Figure 8Figure 9

mHSA-pre = modified HSA-pre leader sequence

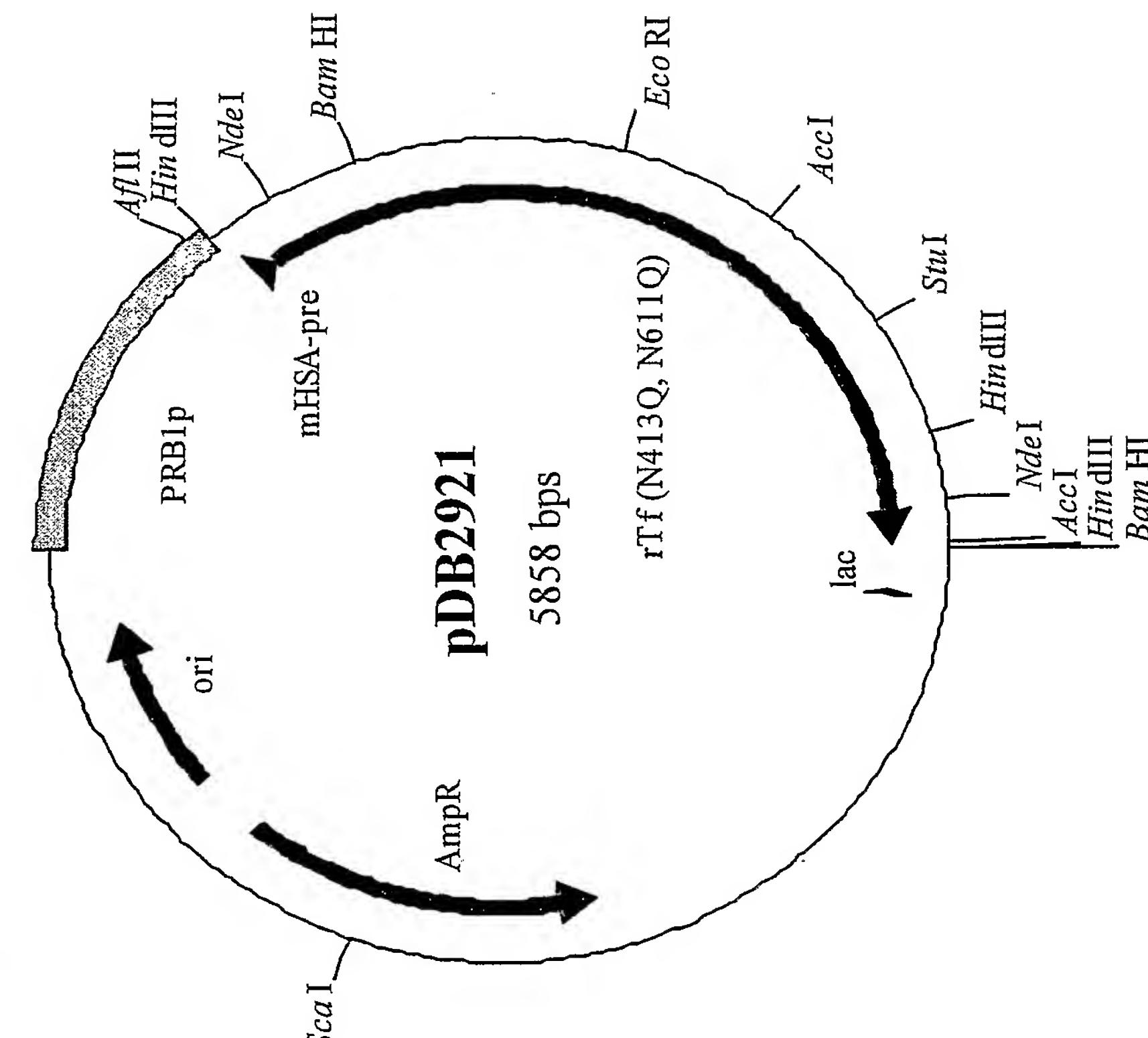


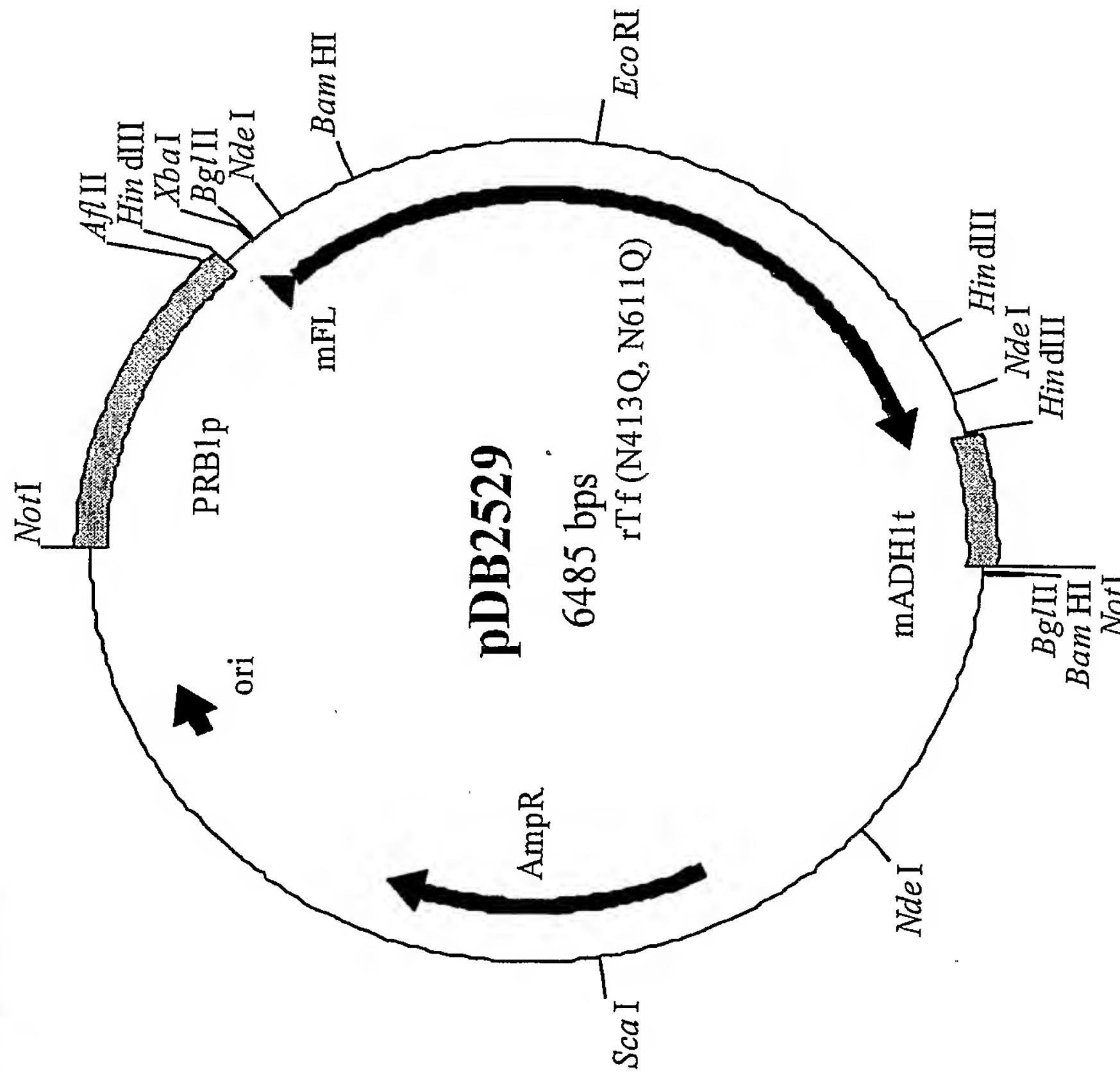
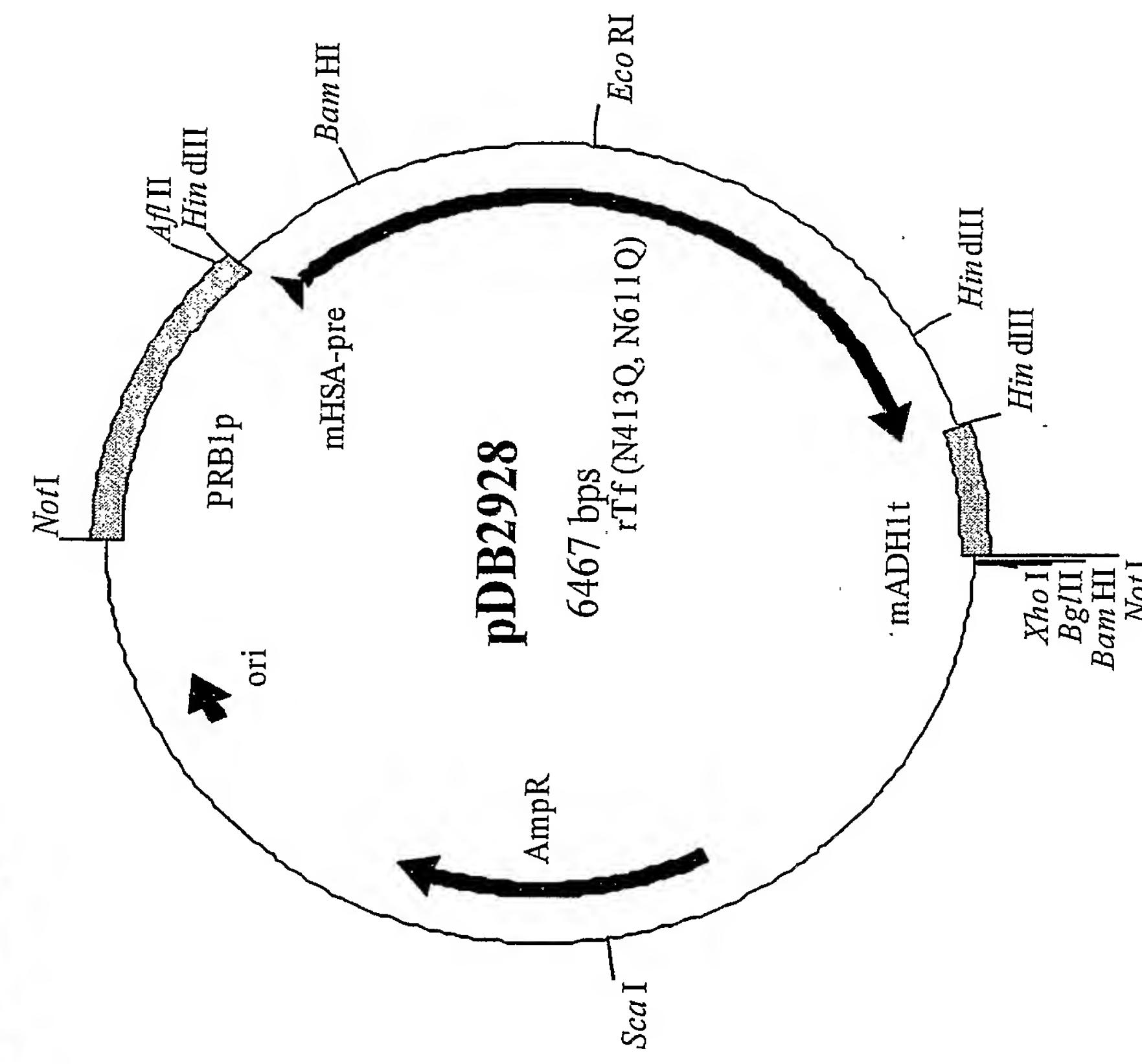
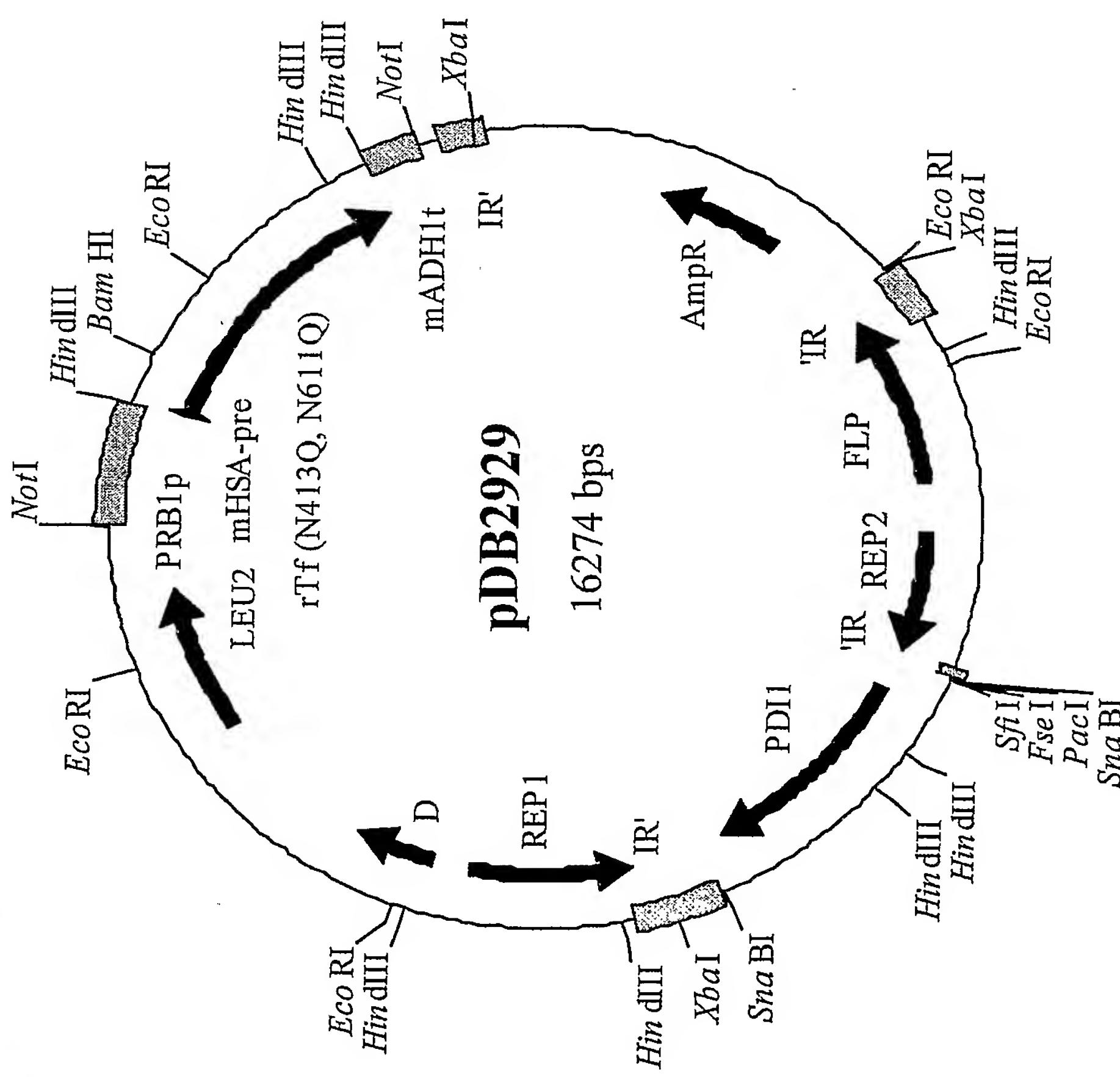
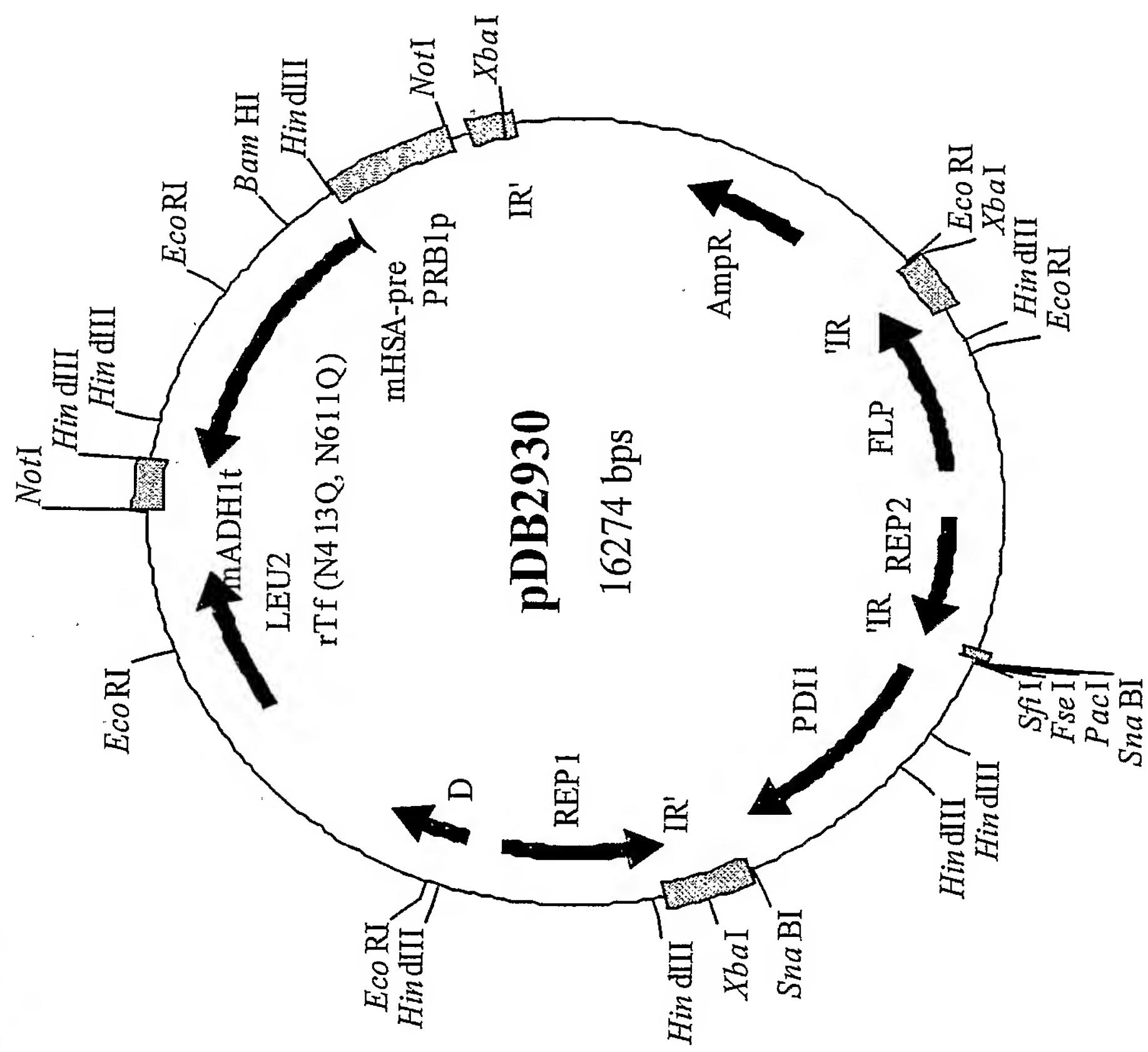
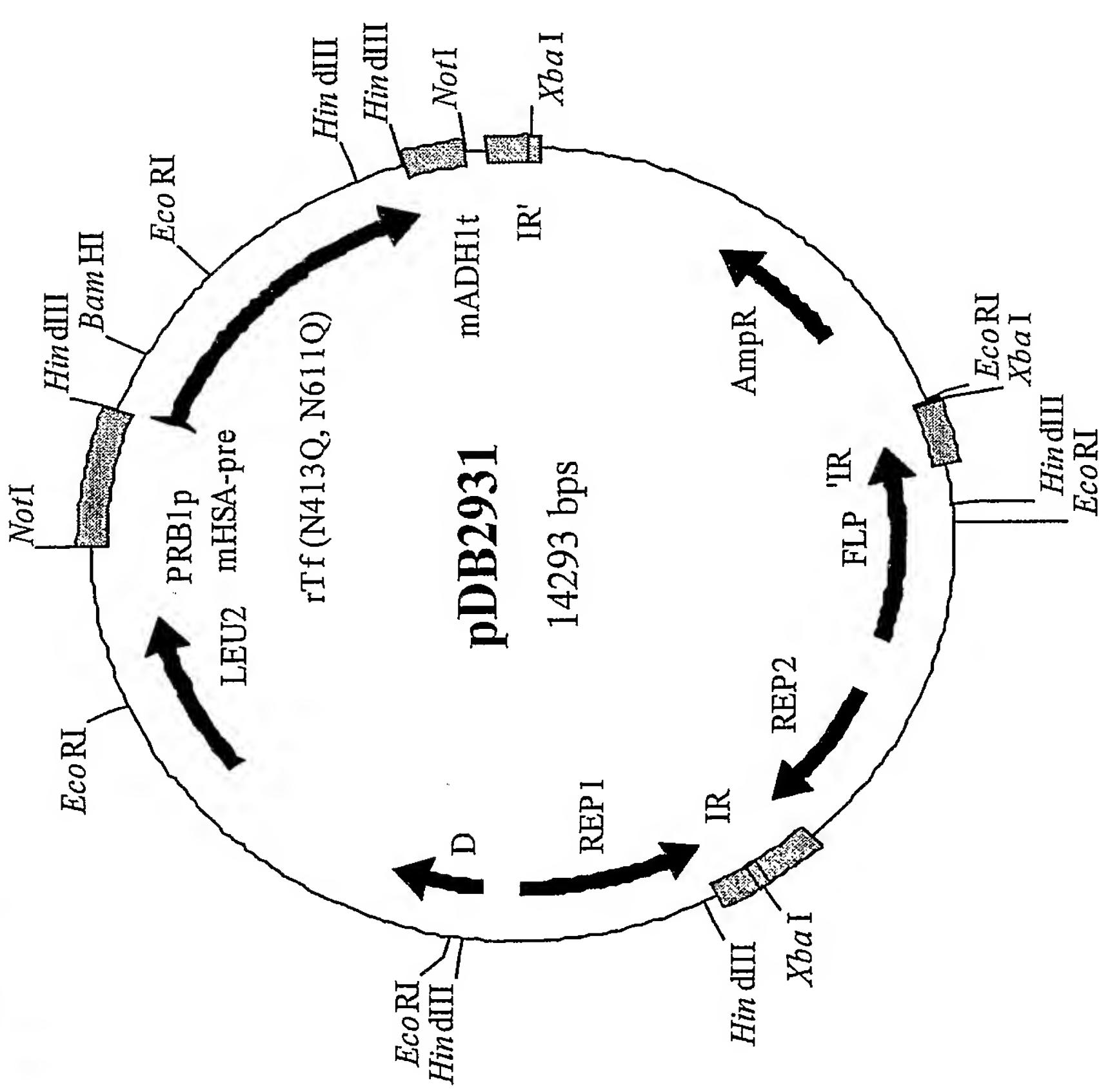
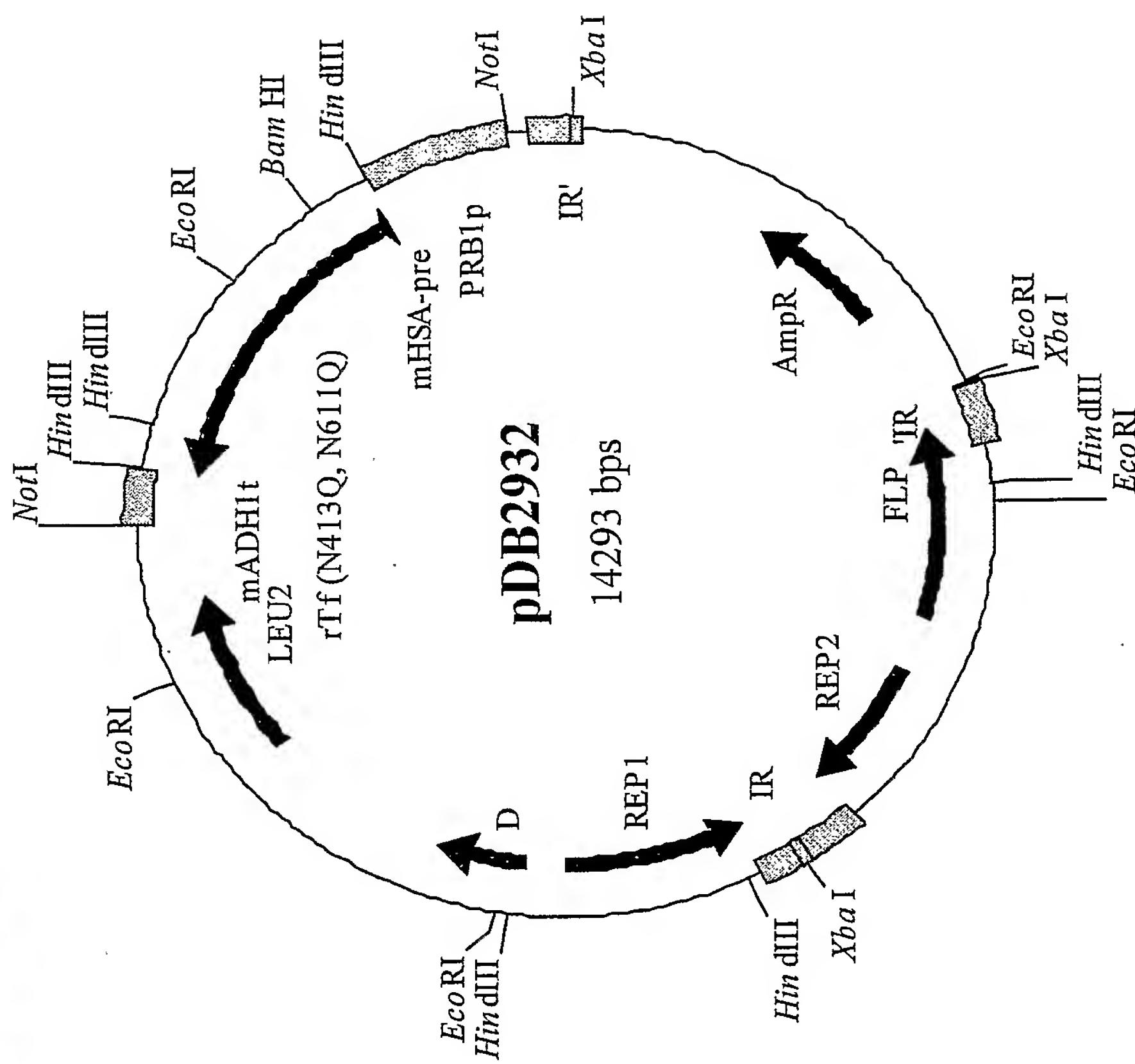
Figure 10Figure 11

Figure 12Figure 13

**Figure 14****Figure 15**

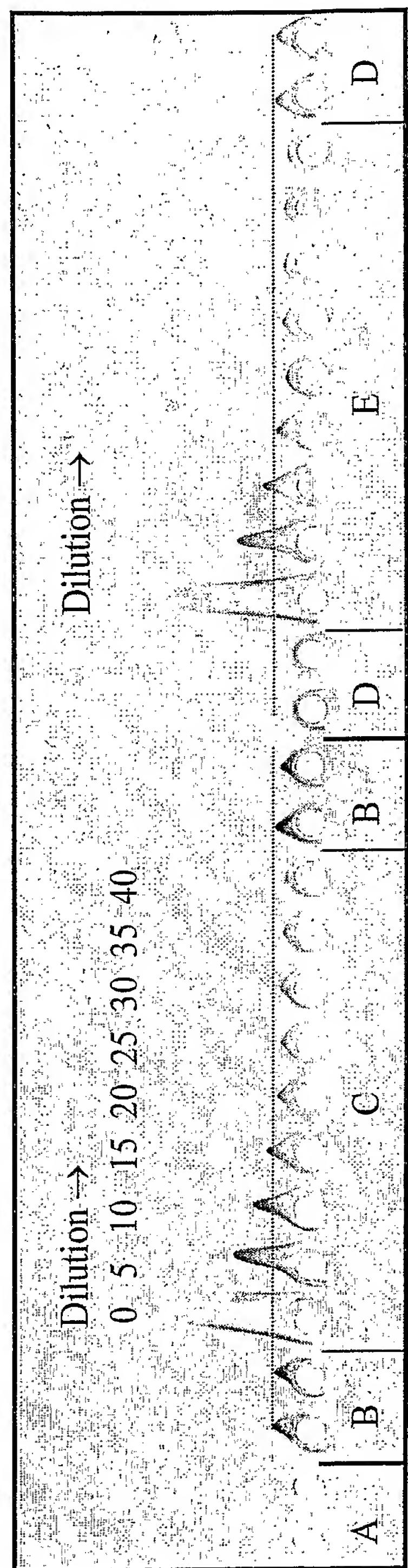


Figure 16

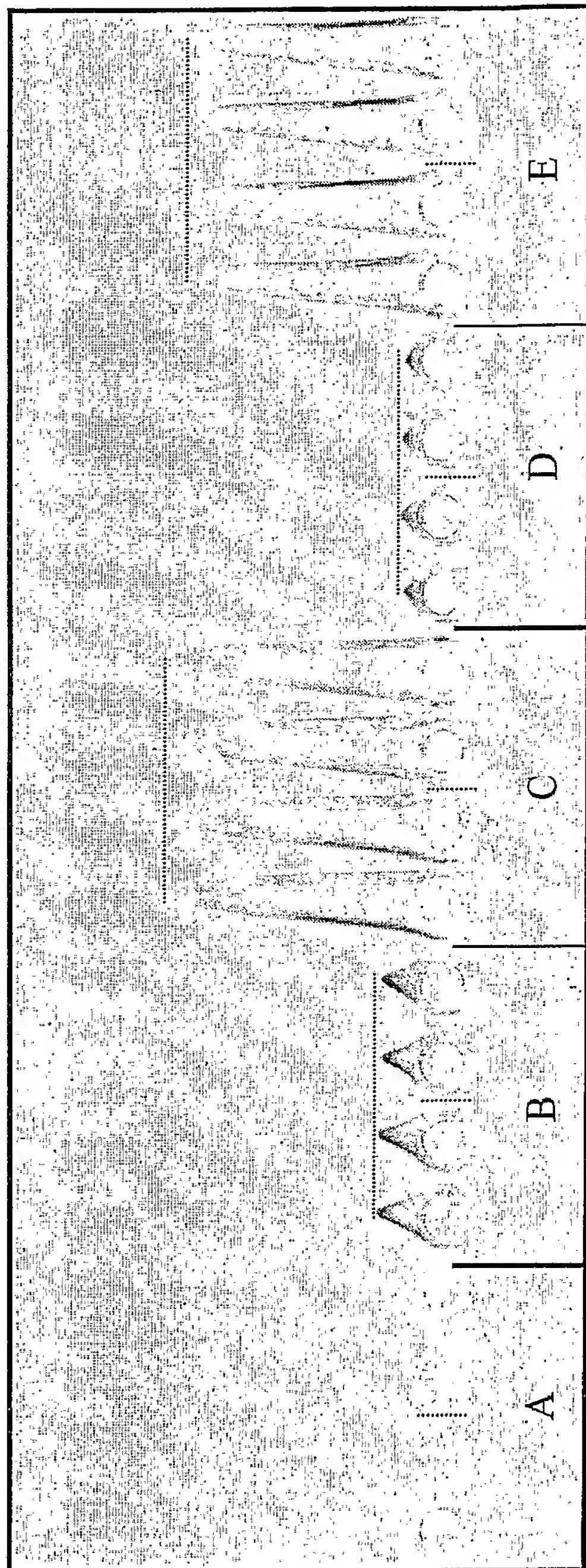
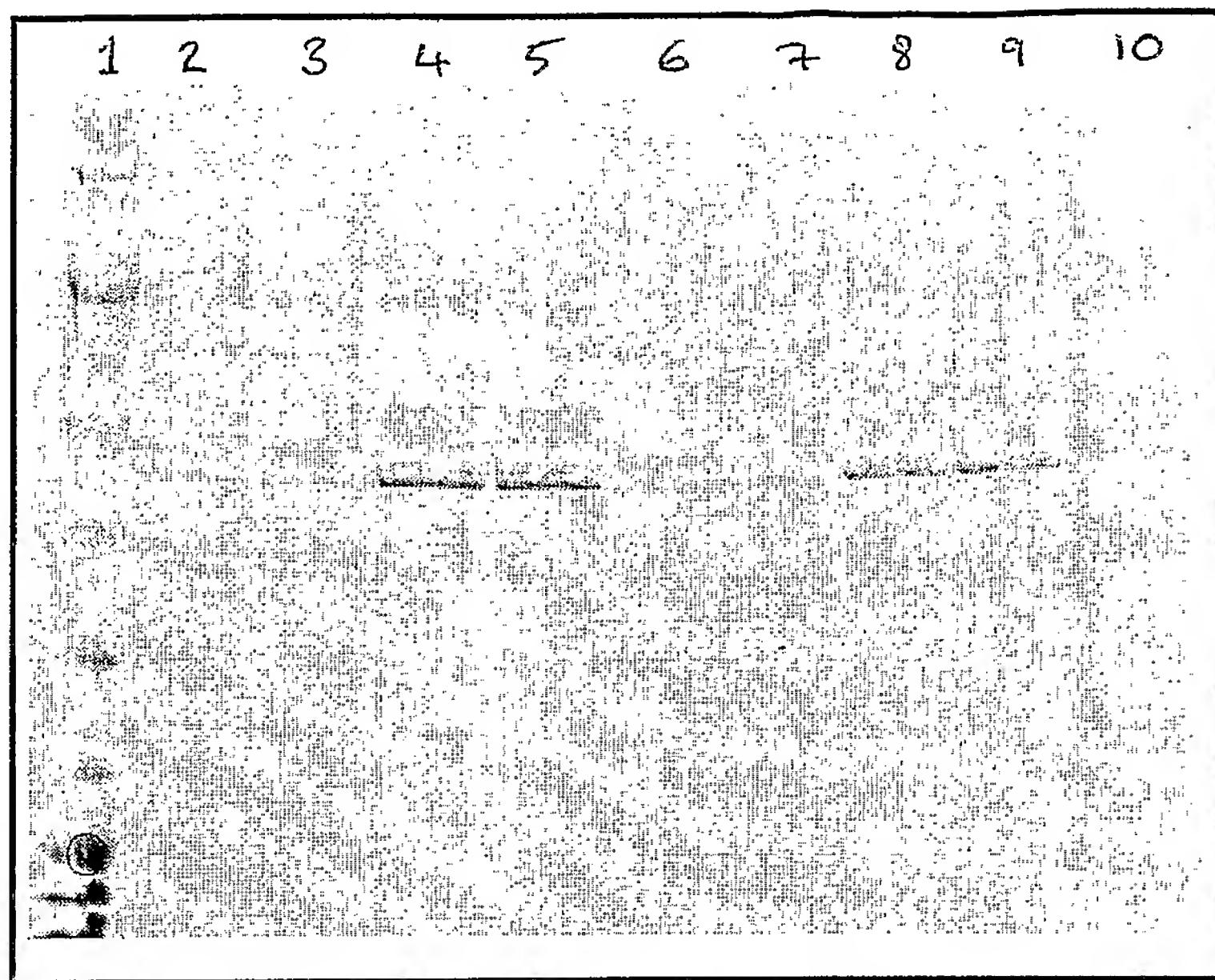
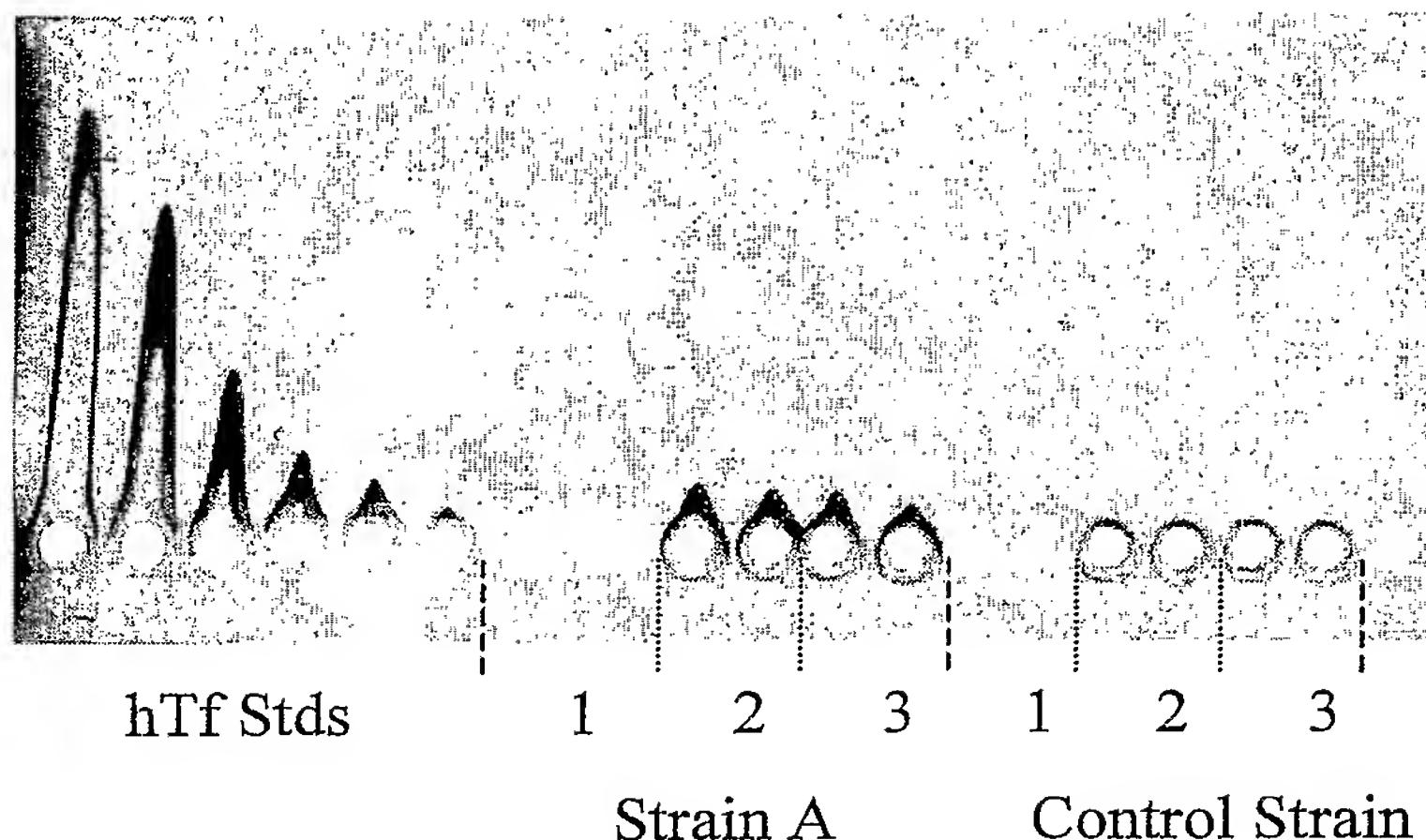


figure 17

Figure 18

5



**Figure 19**

5

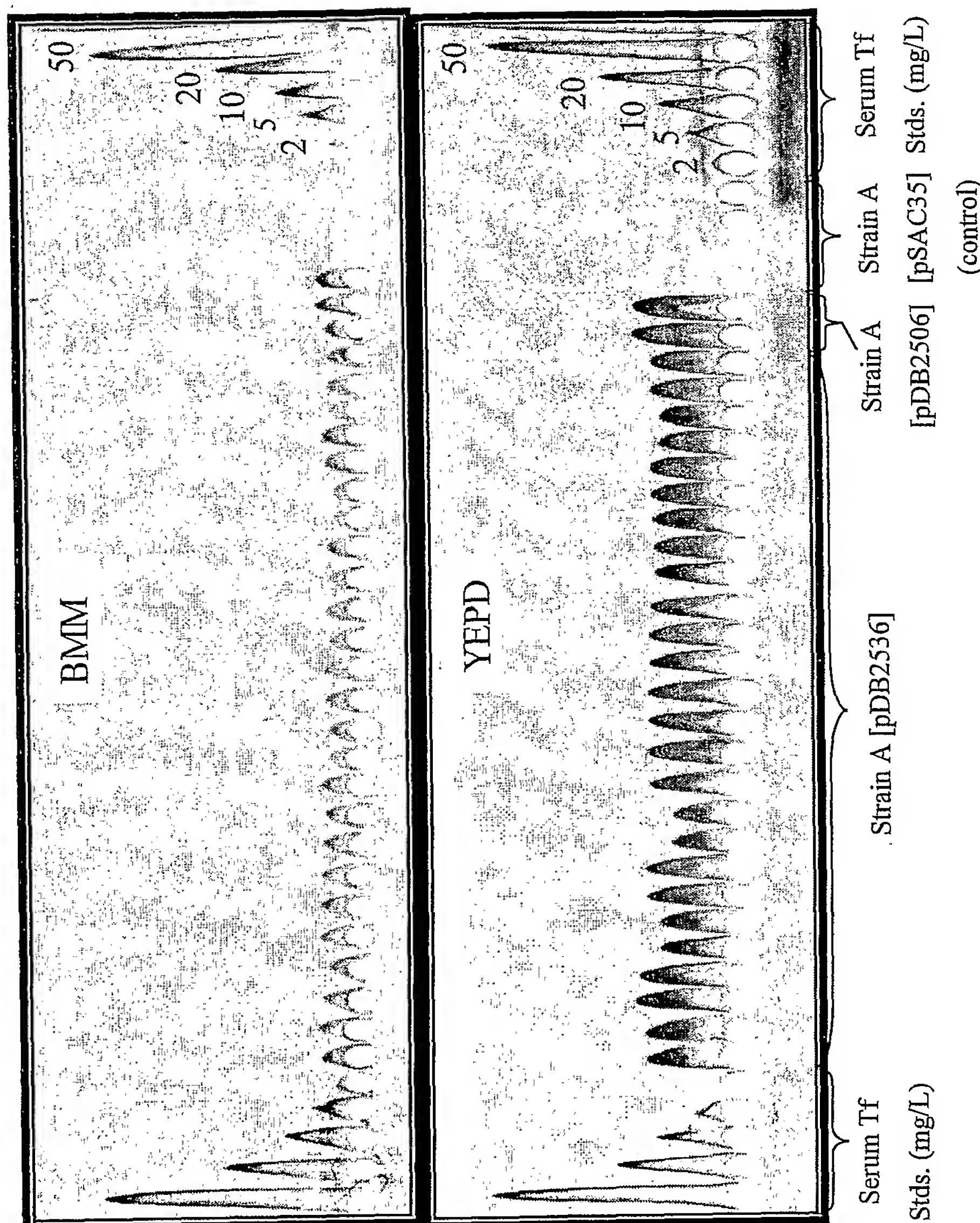
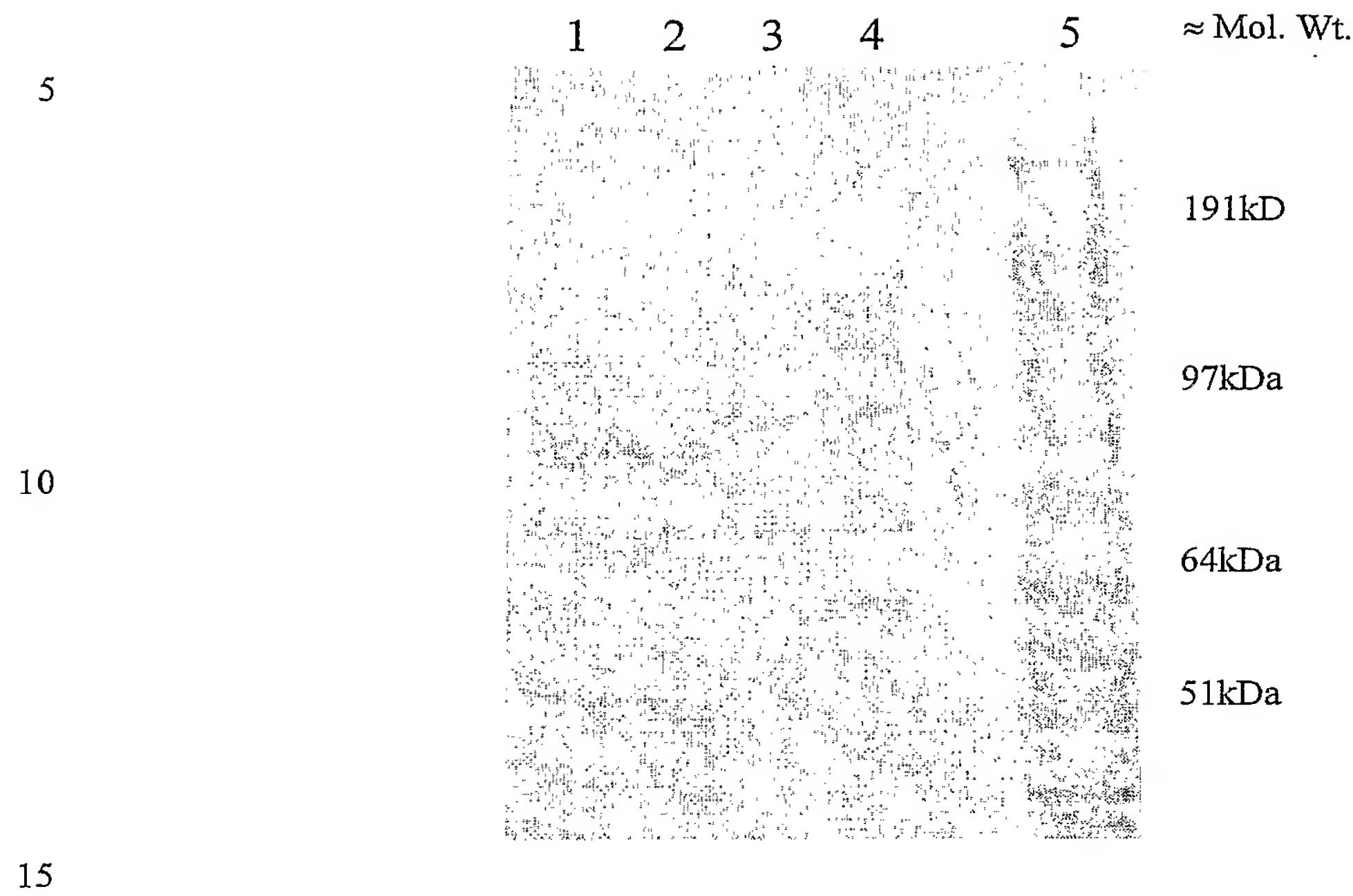
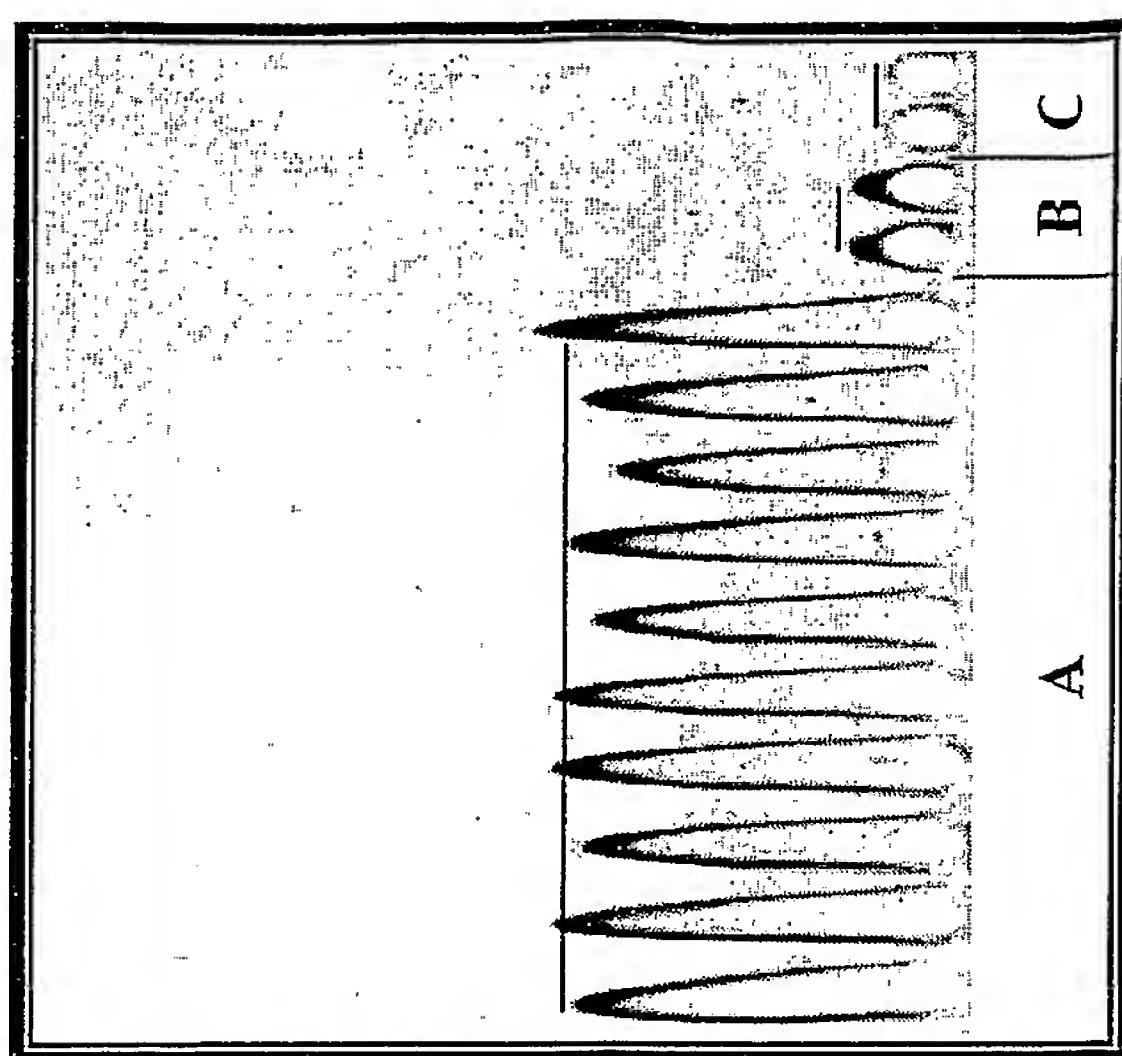
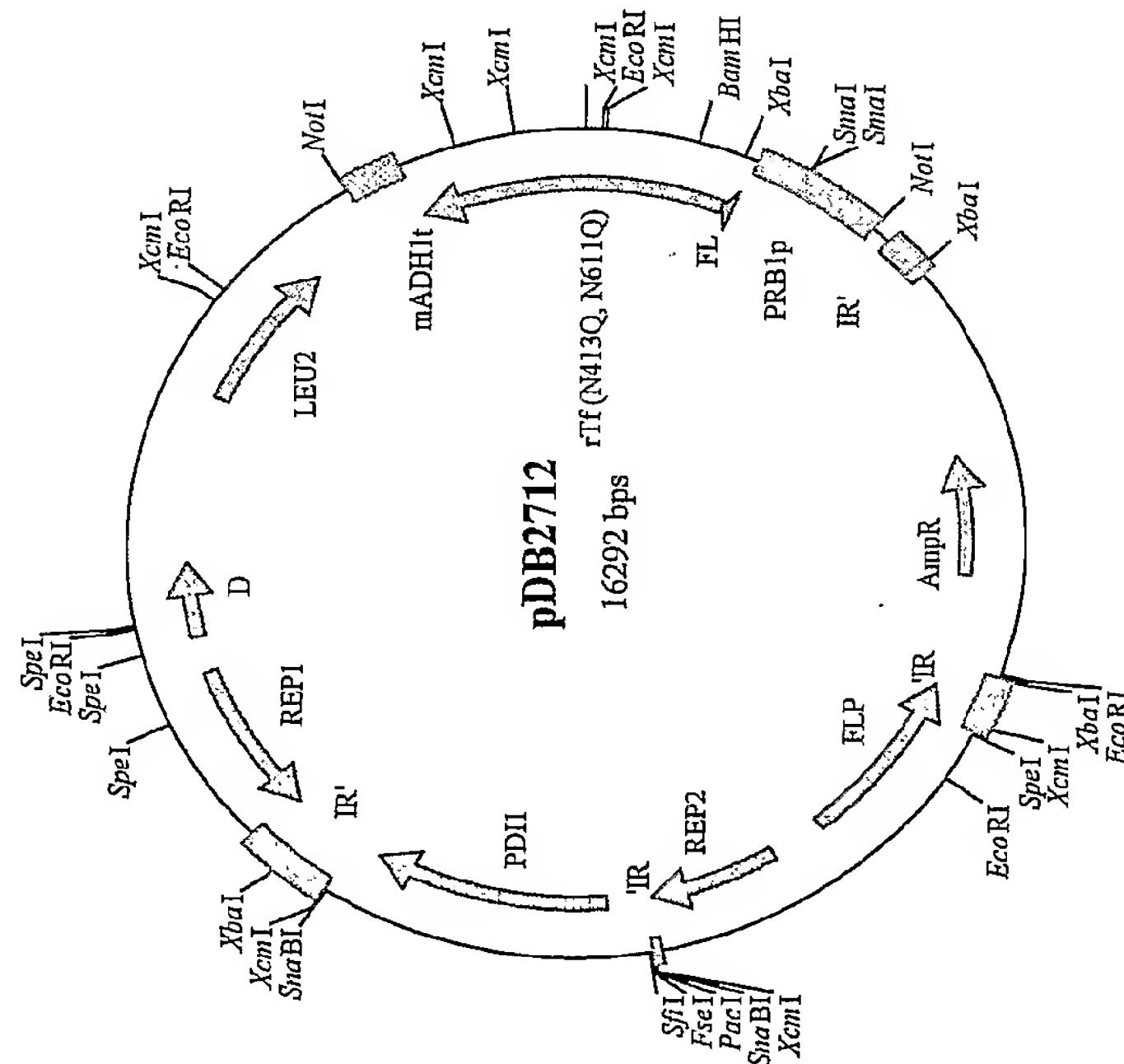


Figure 20

Figure 21

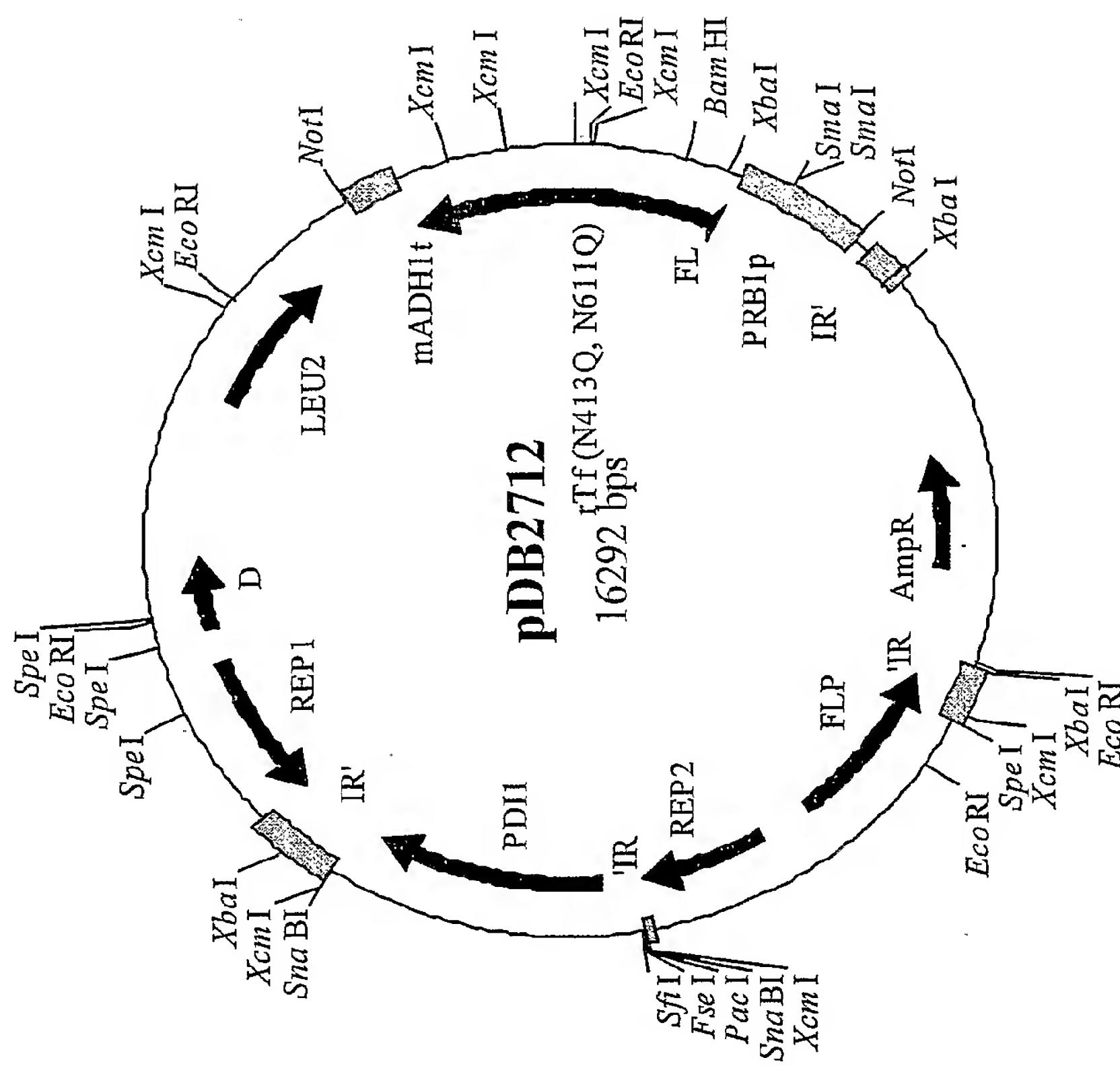


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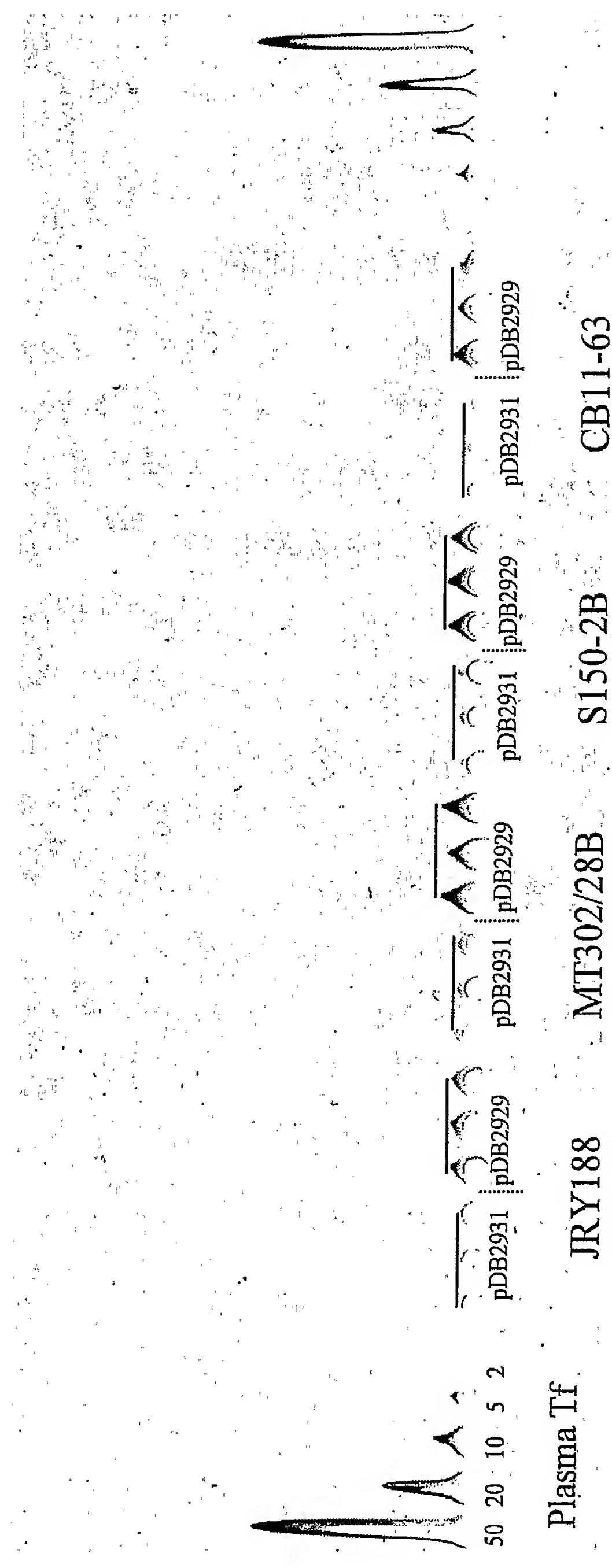
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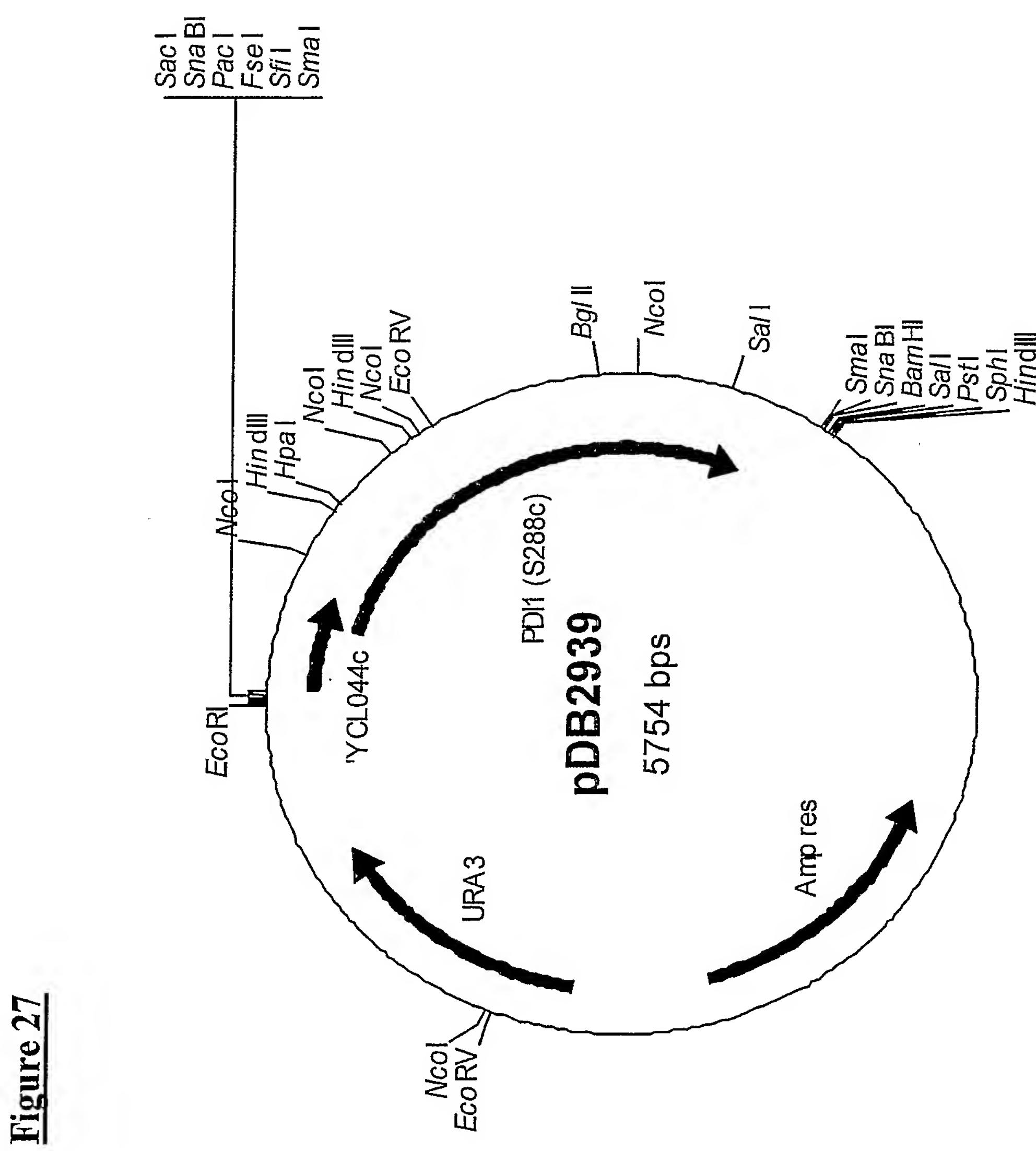


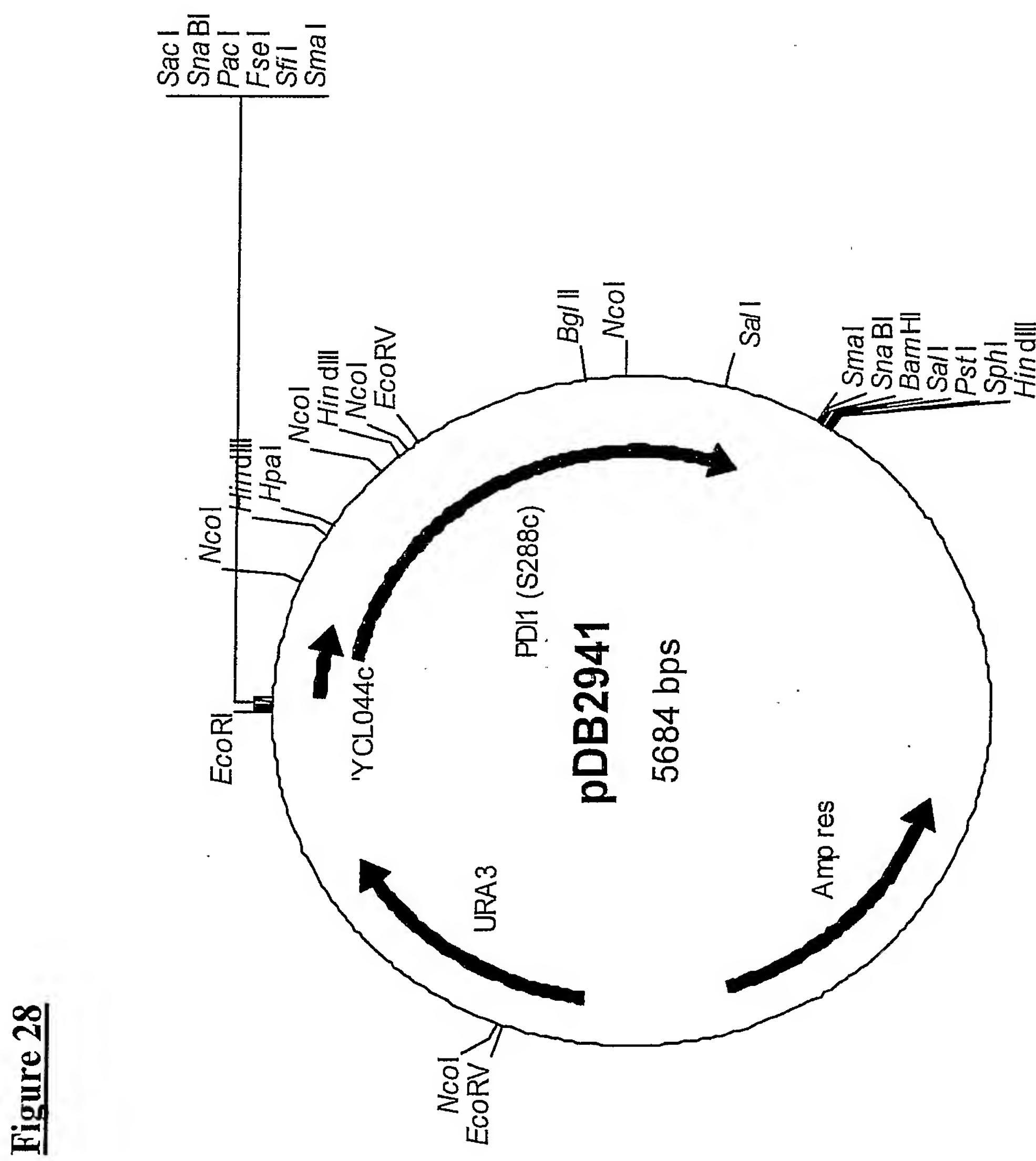
**Figure 25**



**Figure 26**

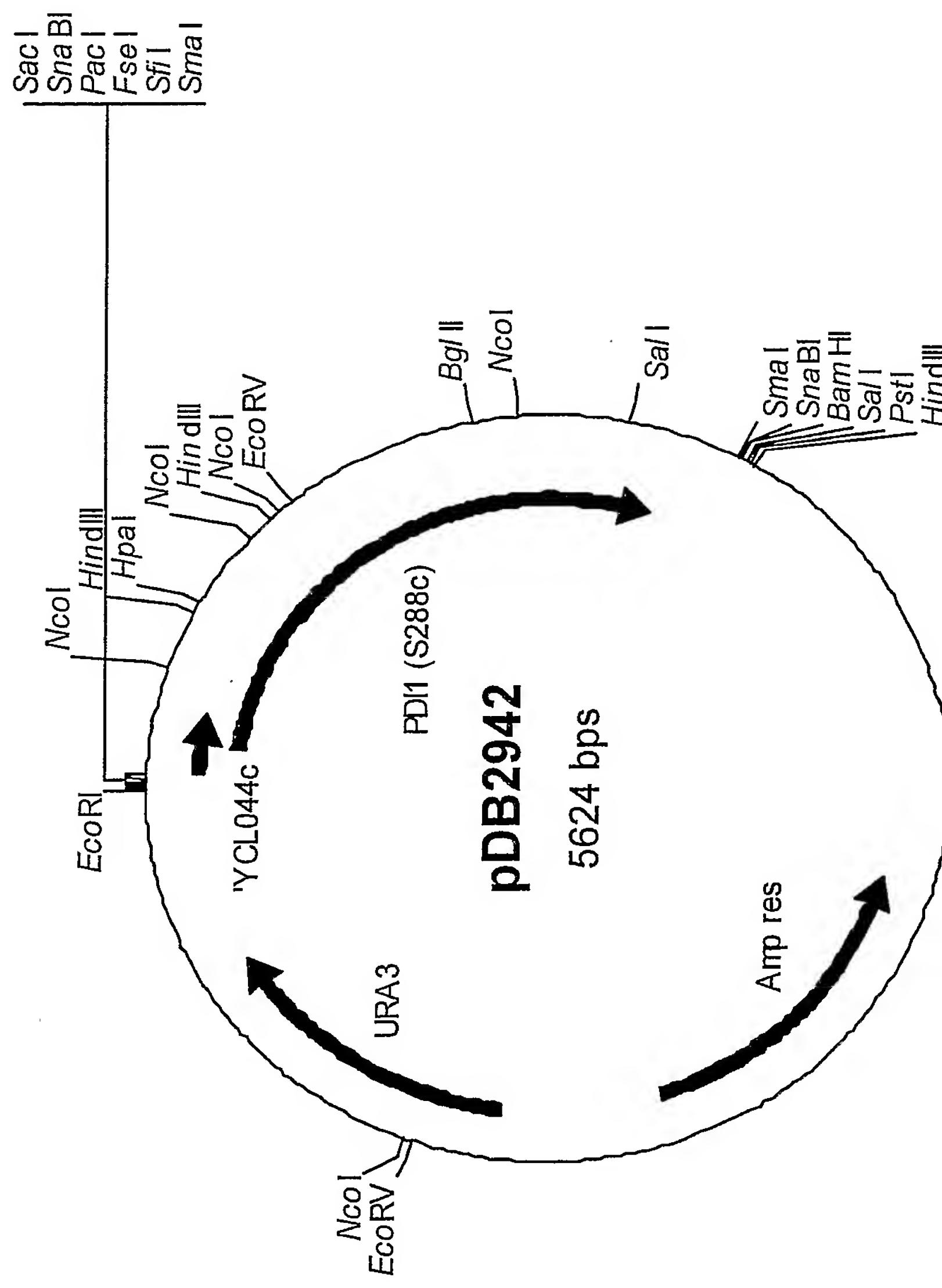


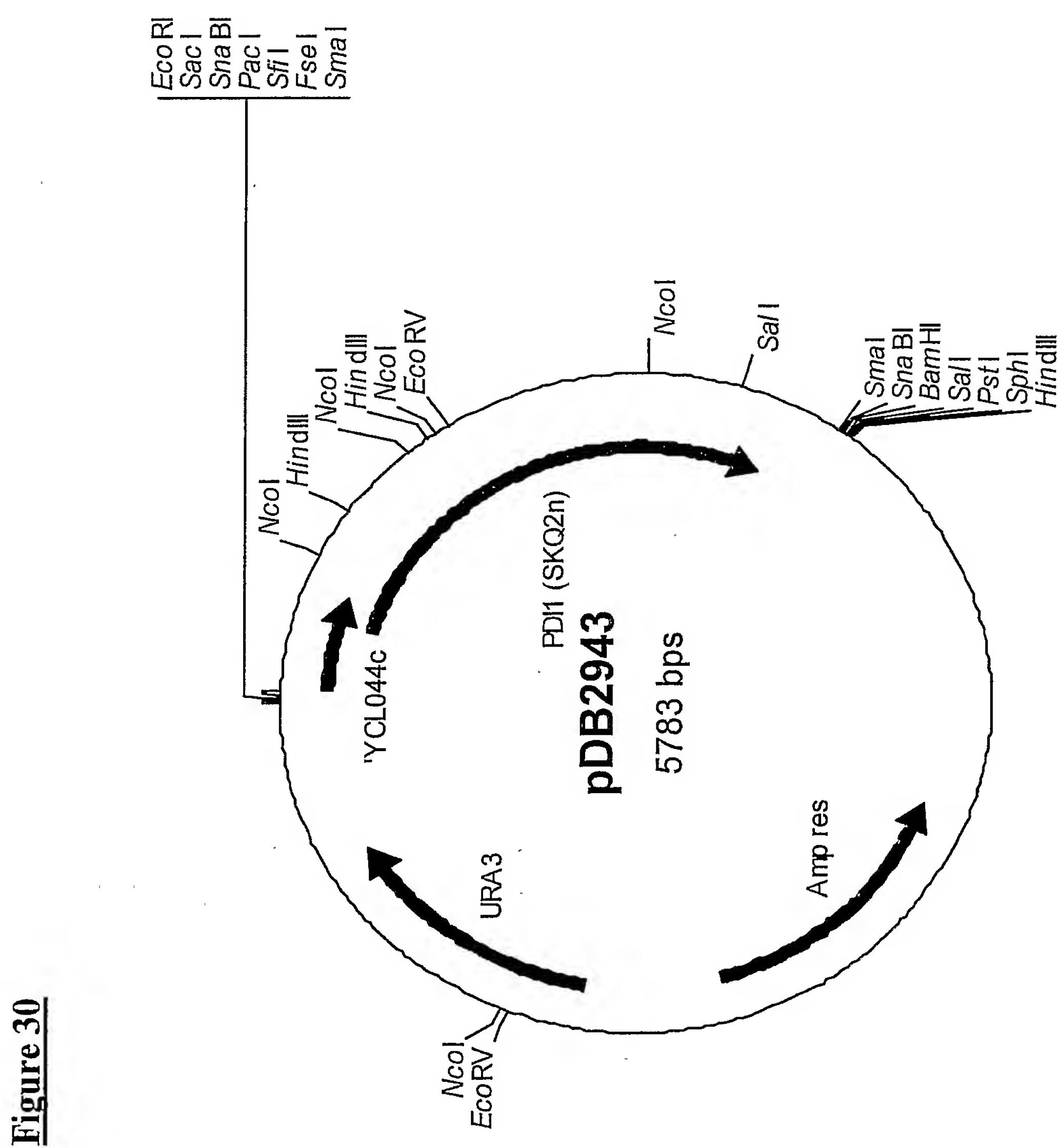




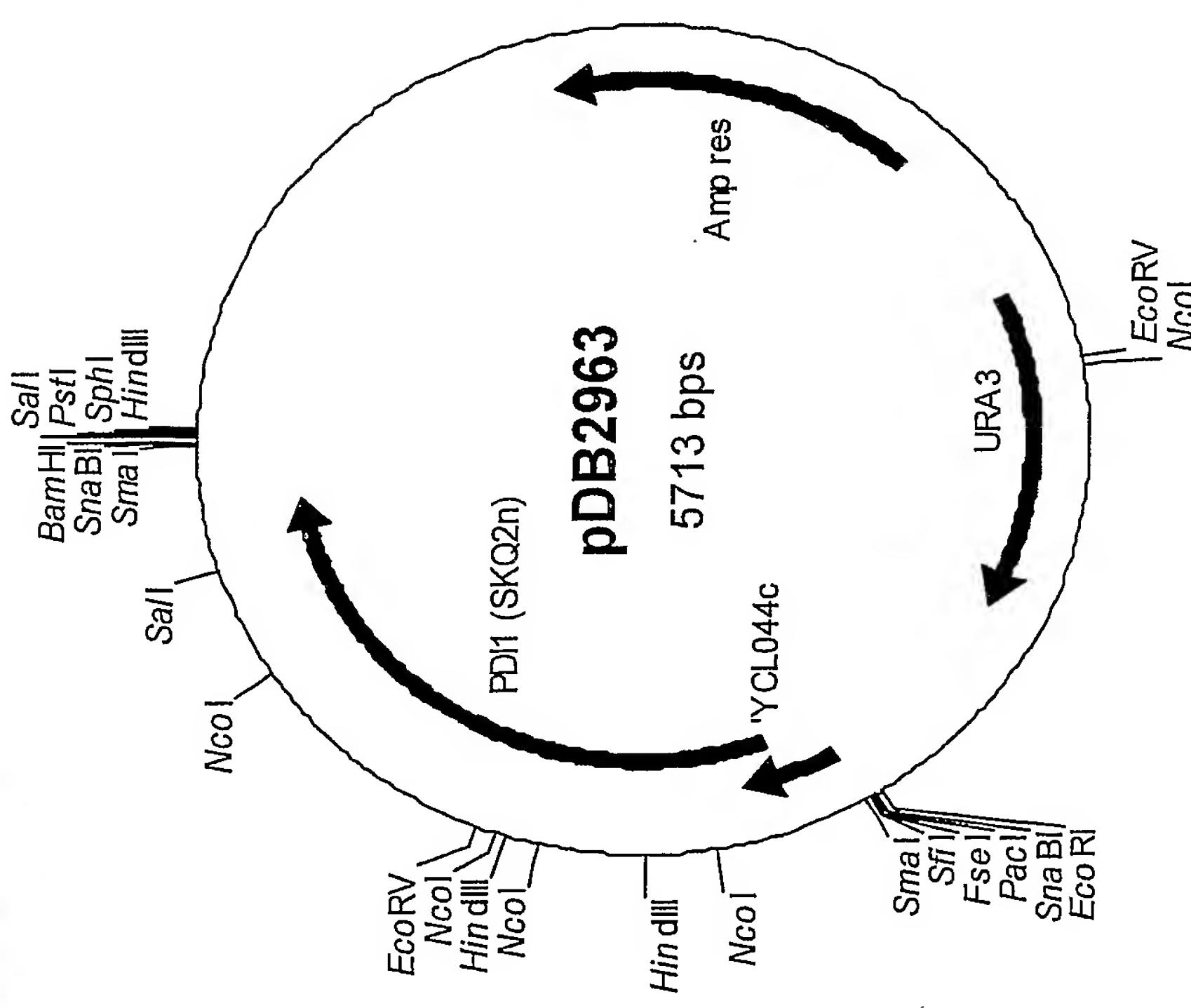
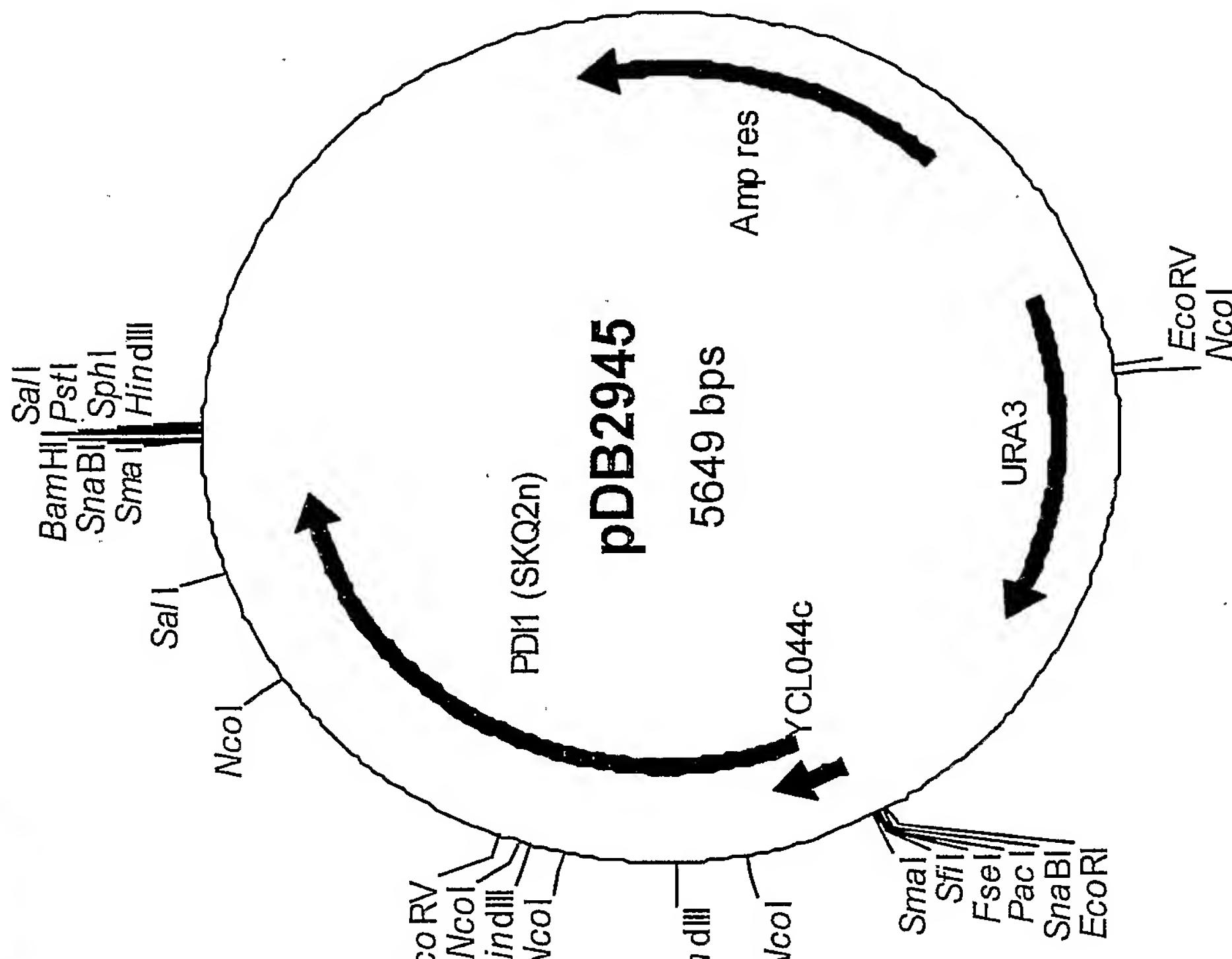
**Figure 28**

**Figure 29**





**Figure 30**

**Figure 31****Figure 32**

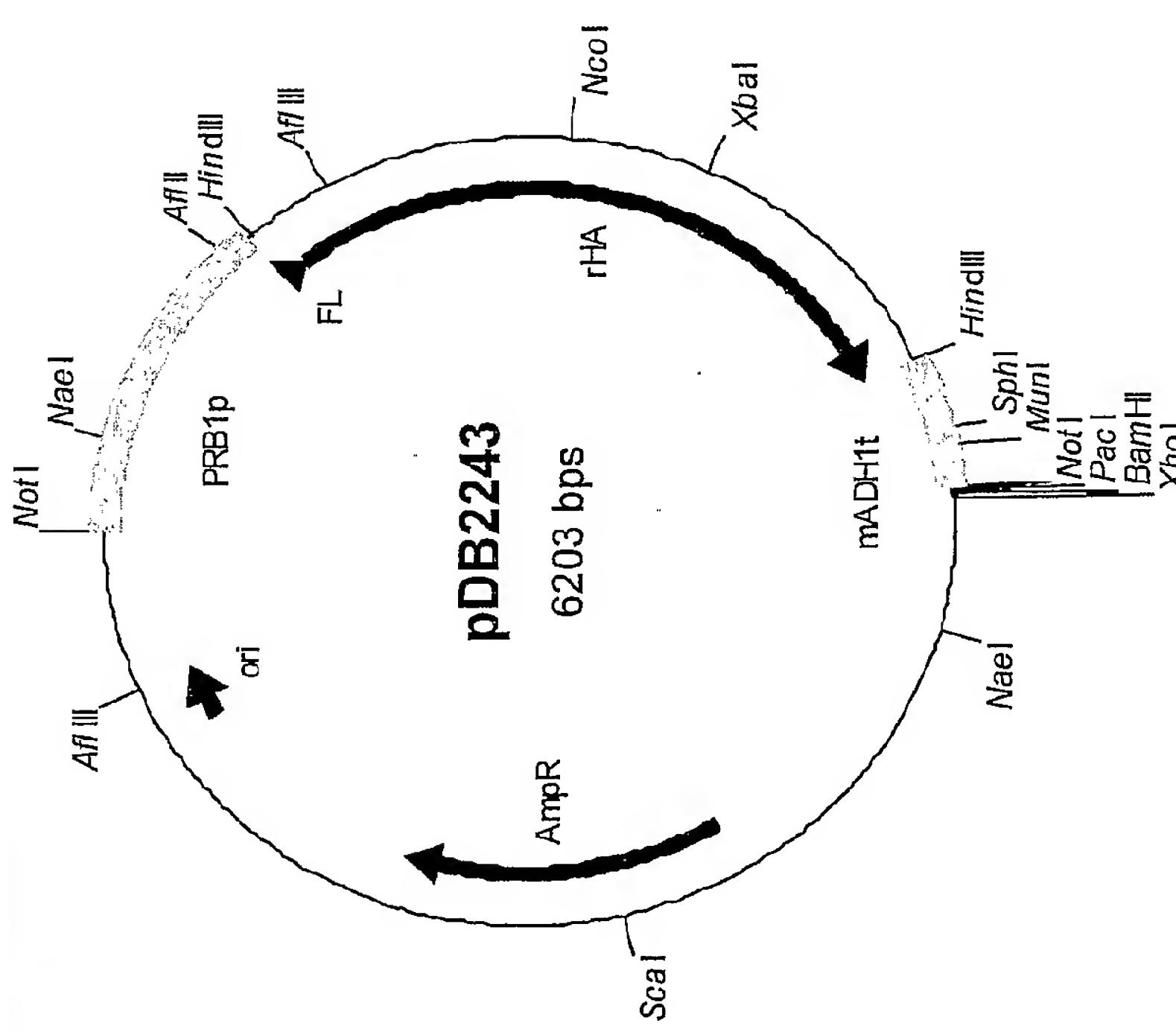
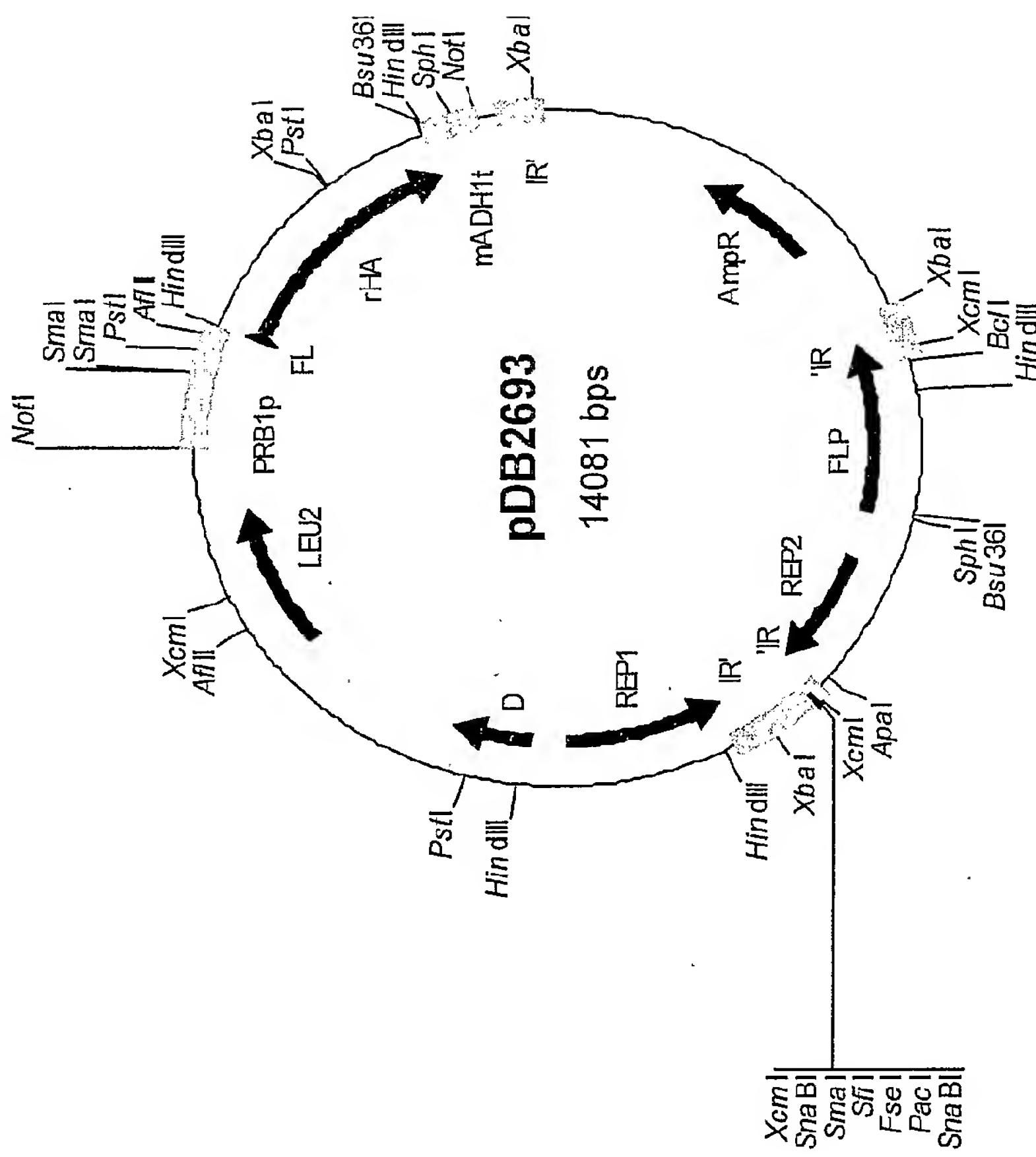
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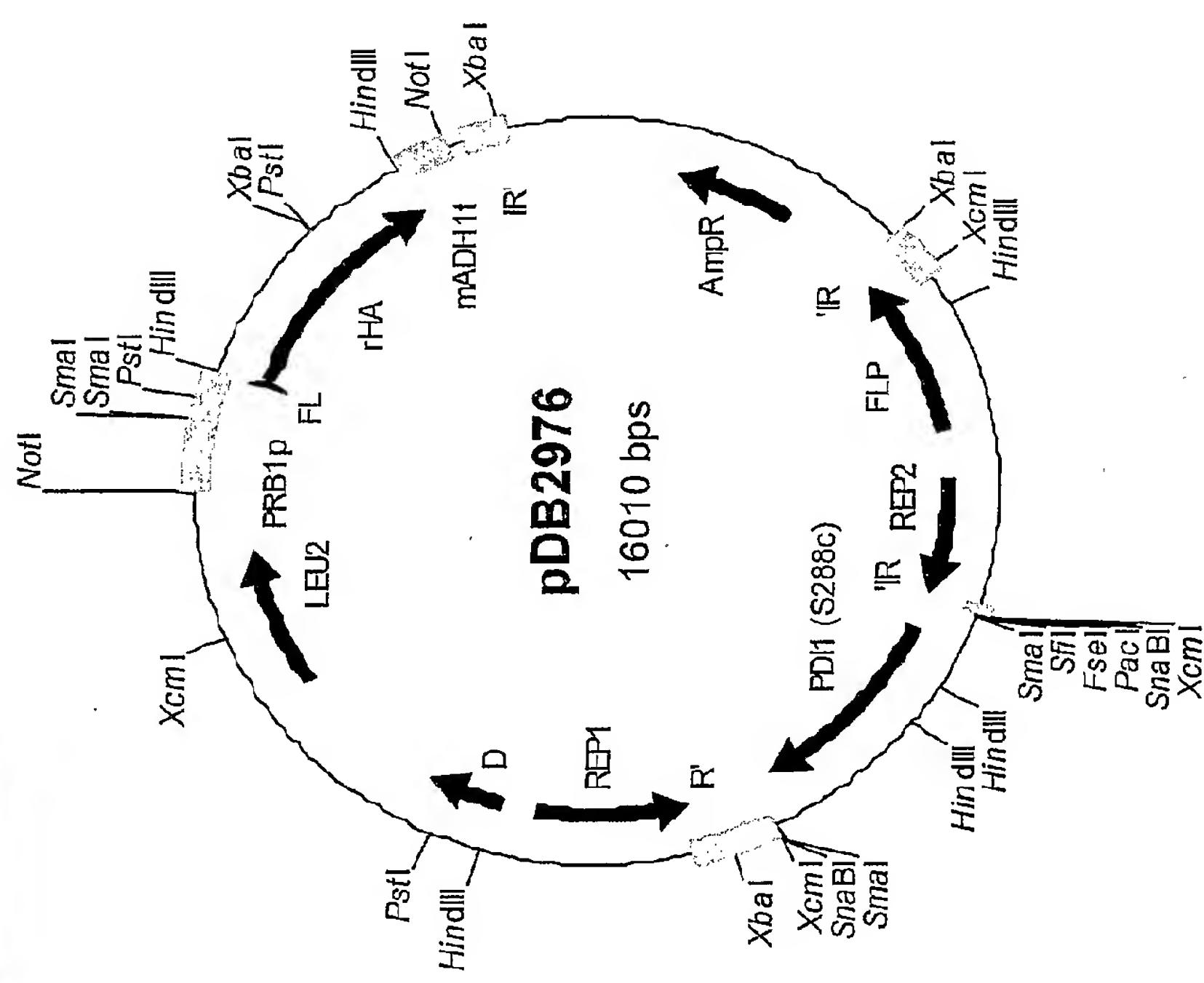
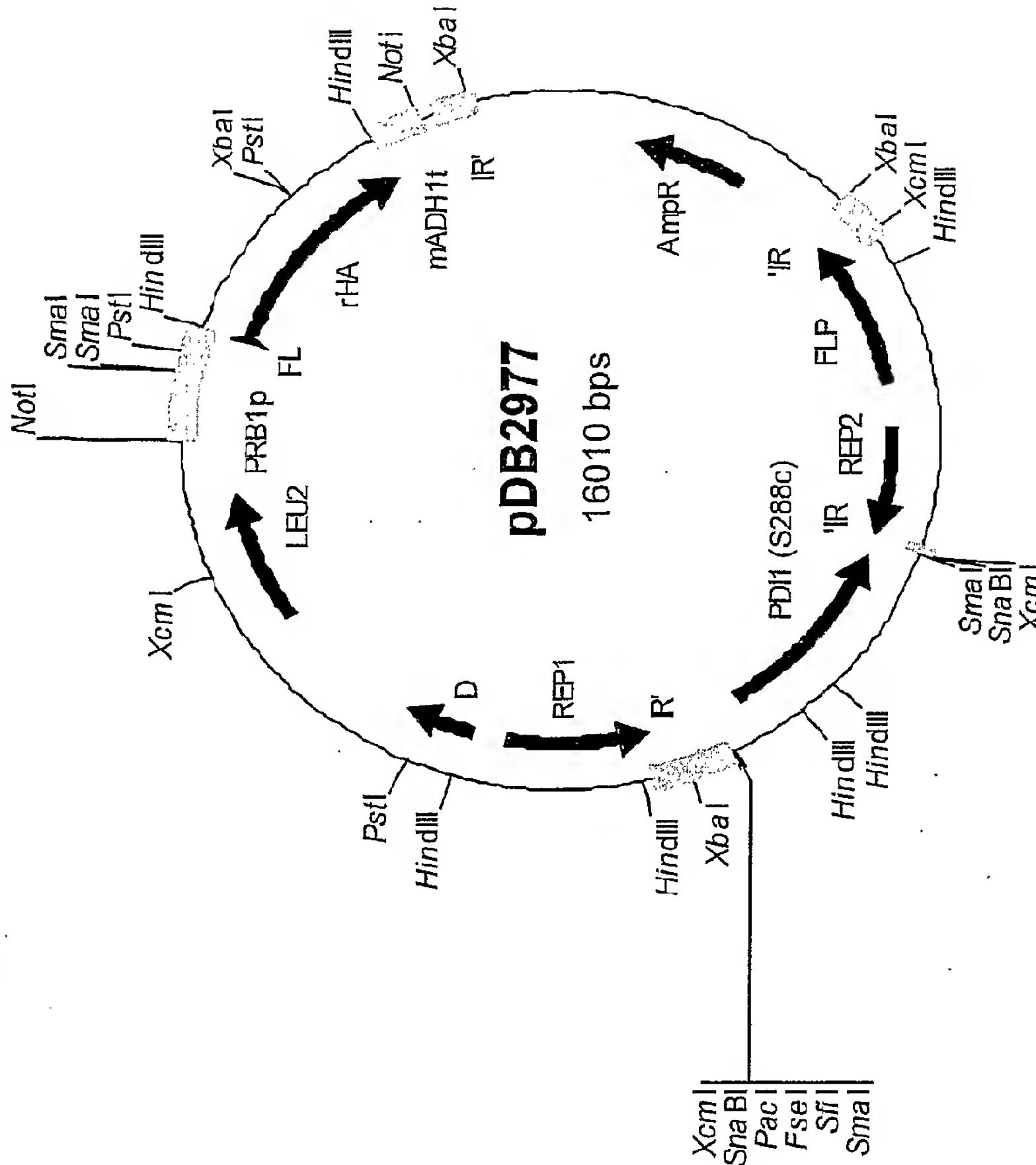
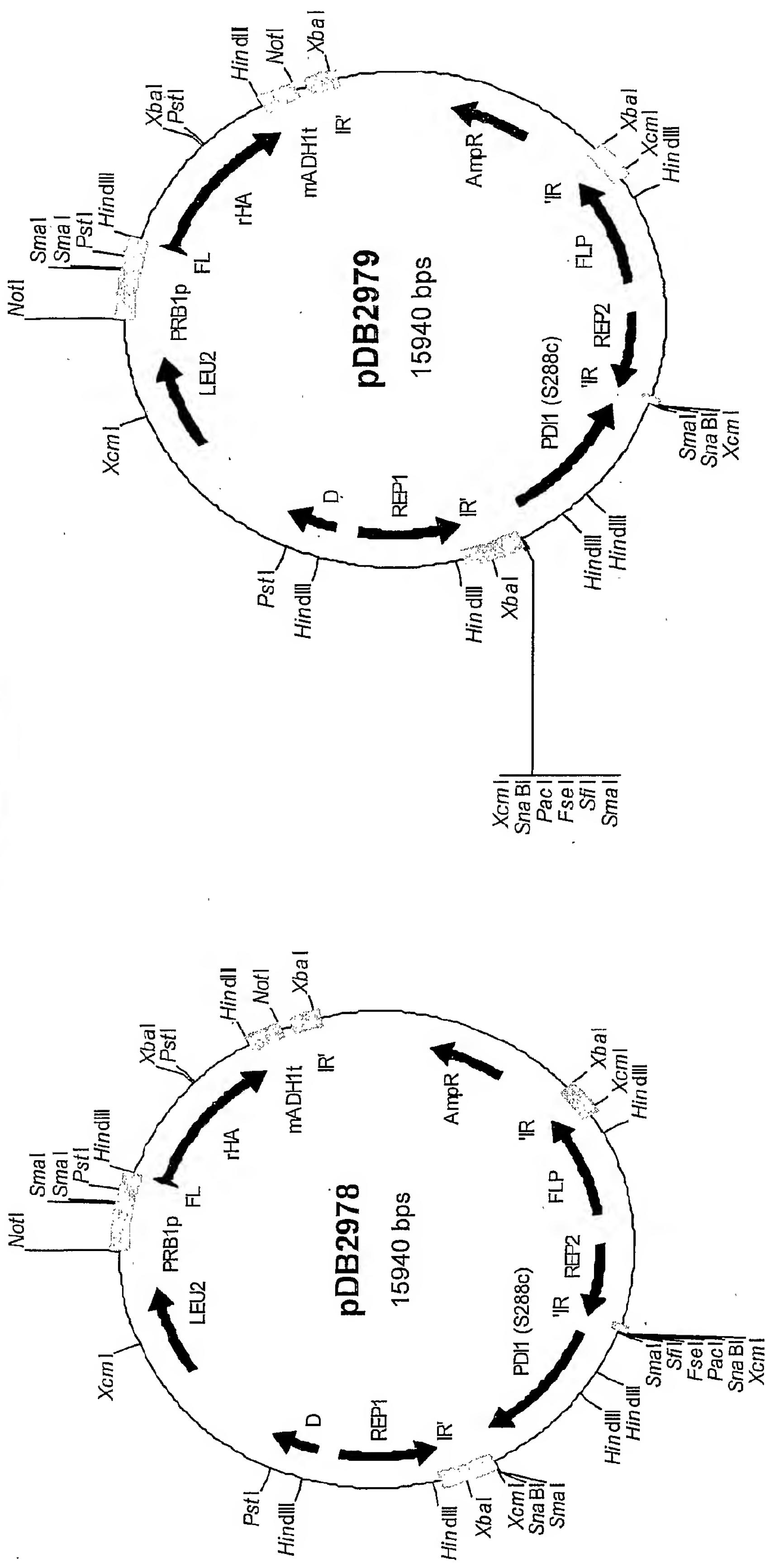
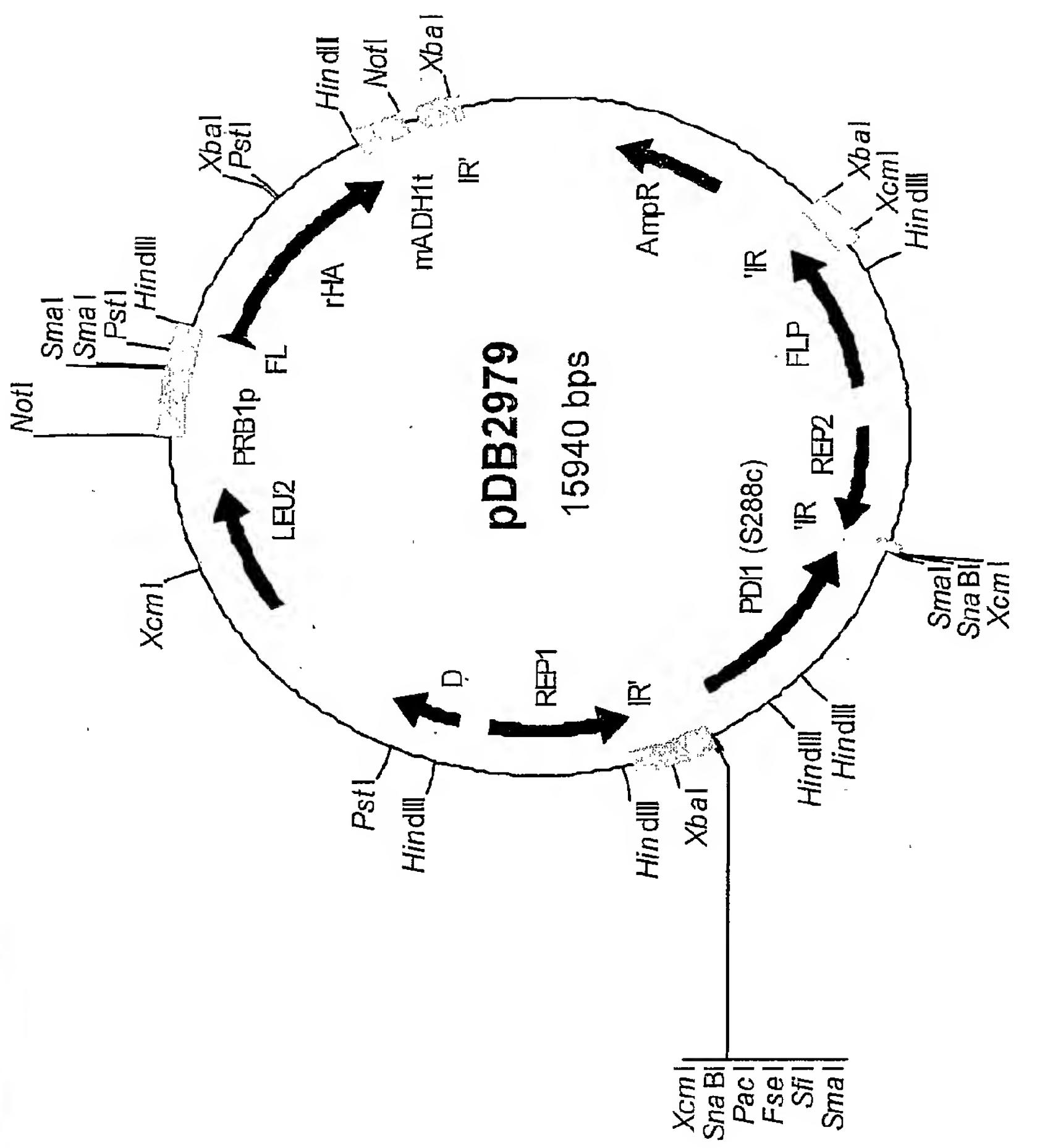
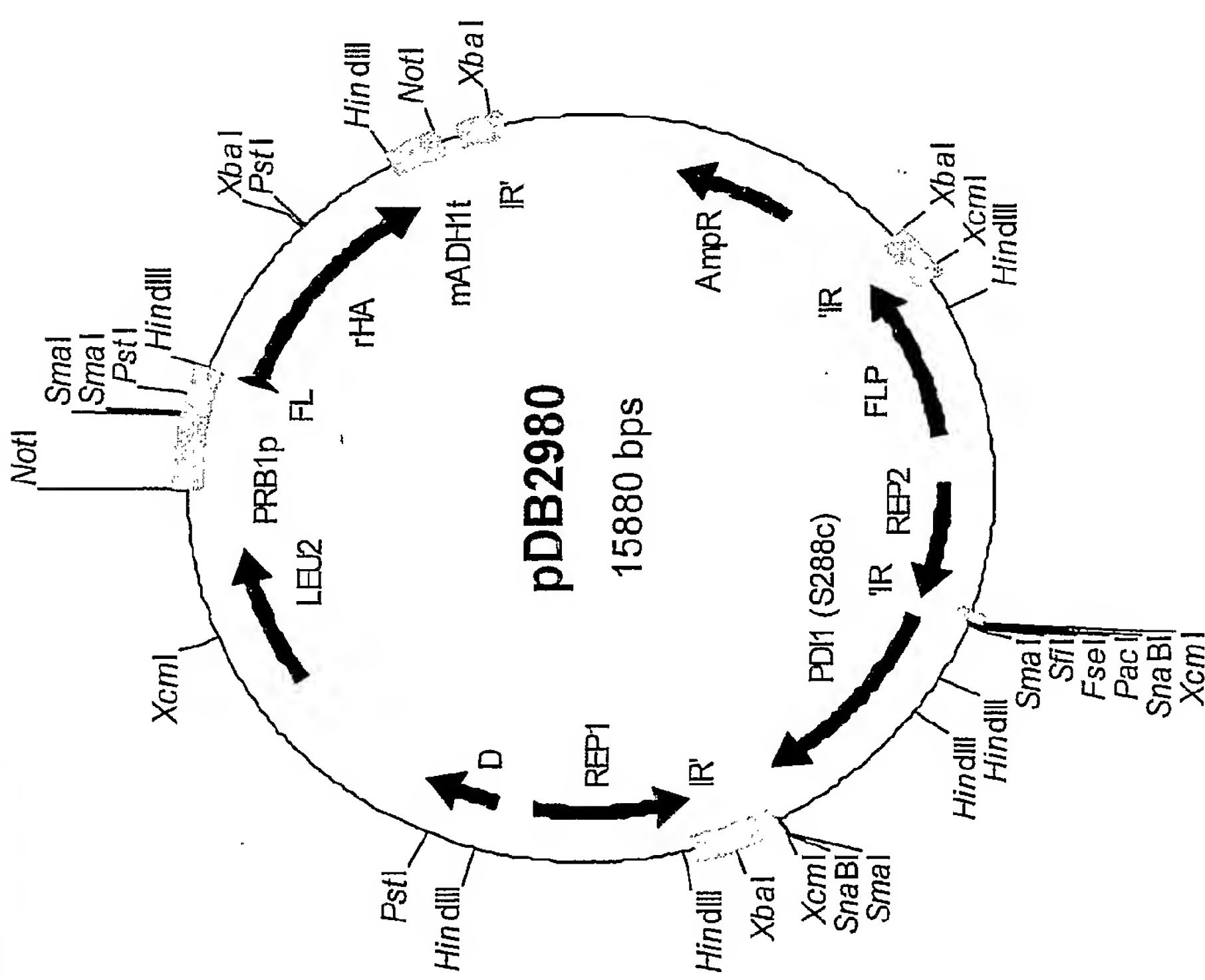
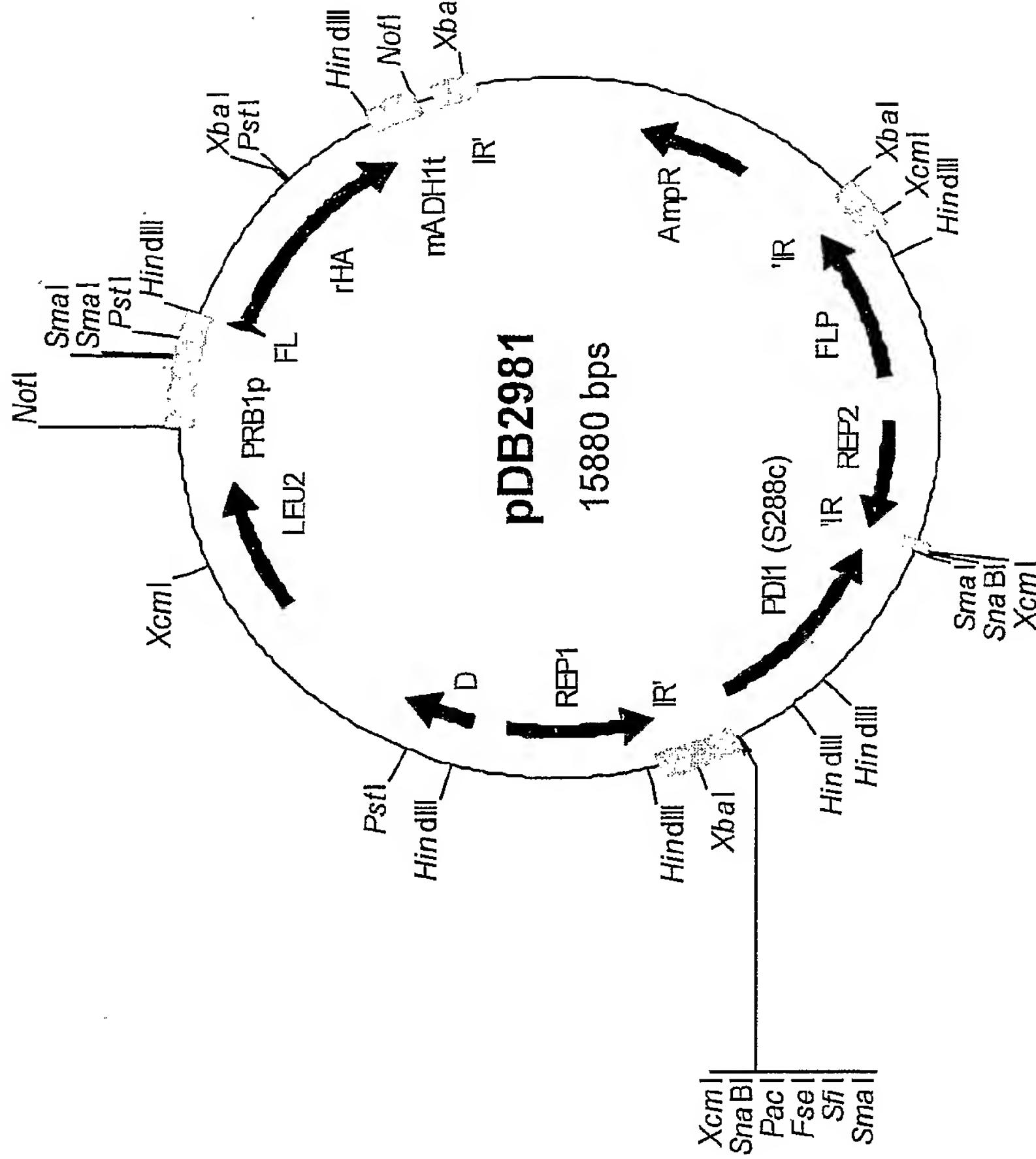
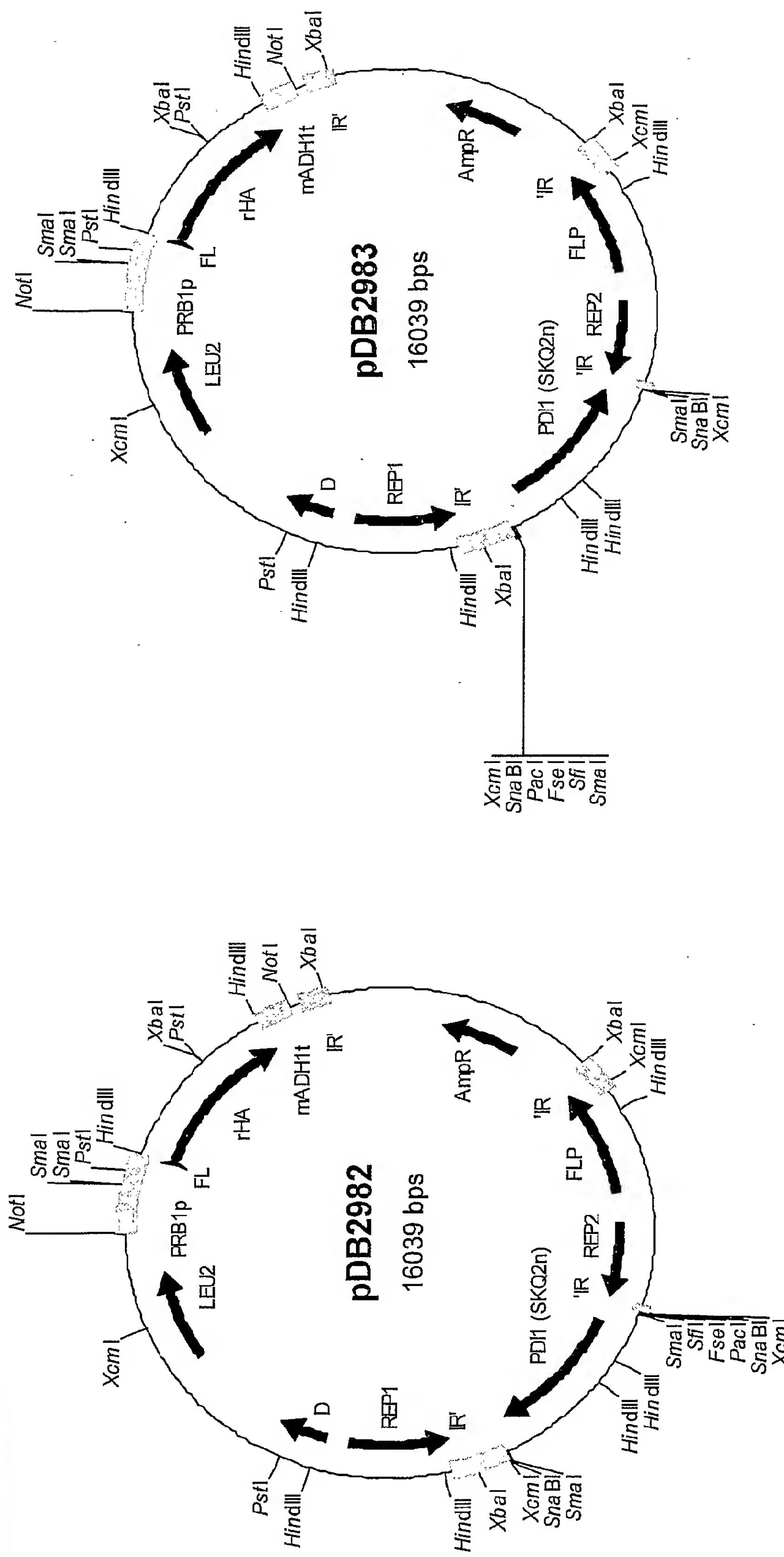
FIGURE 35FIGURE 36

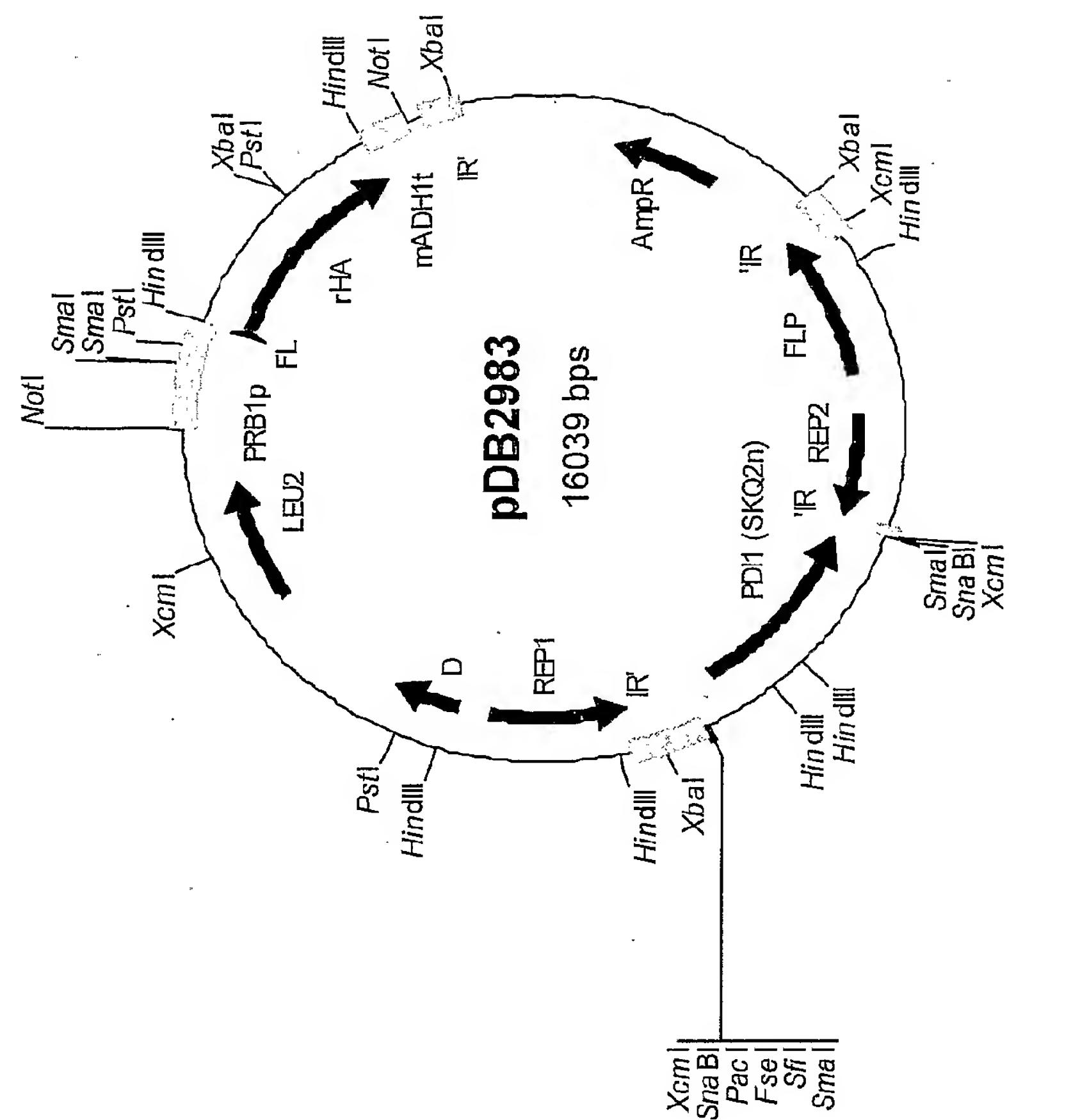
FIGURE 37FIGURE 38

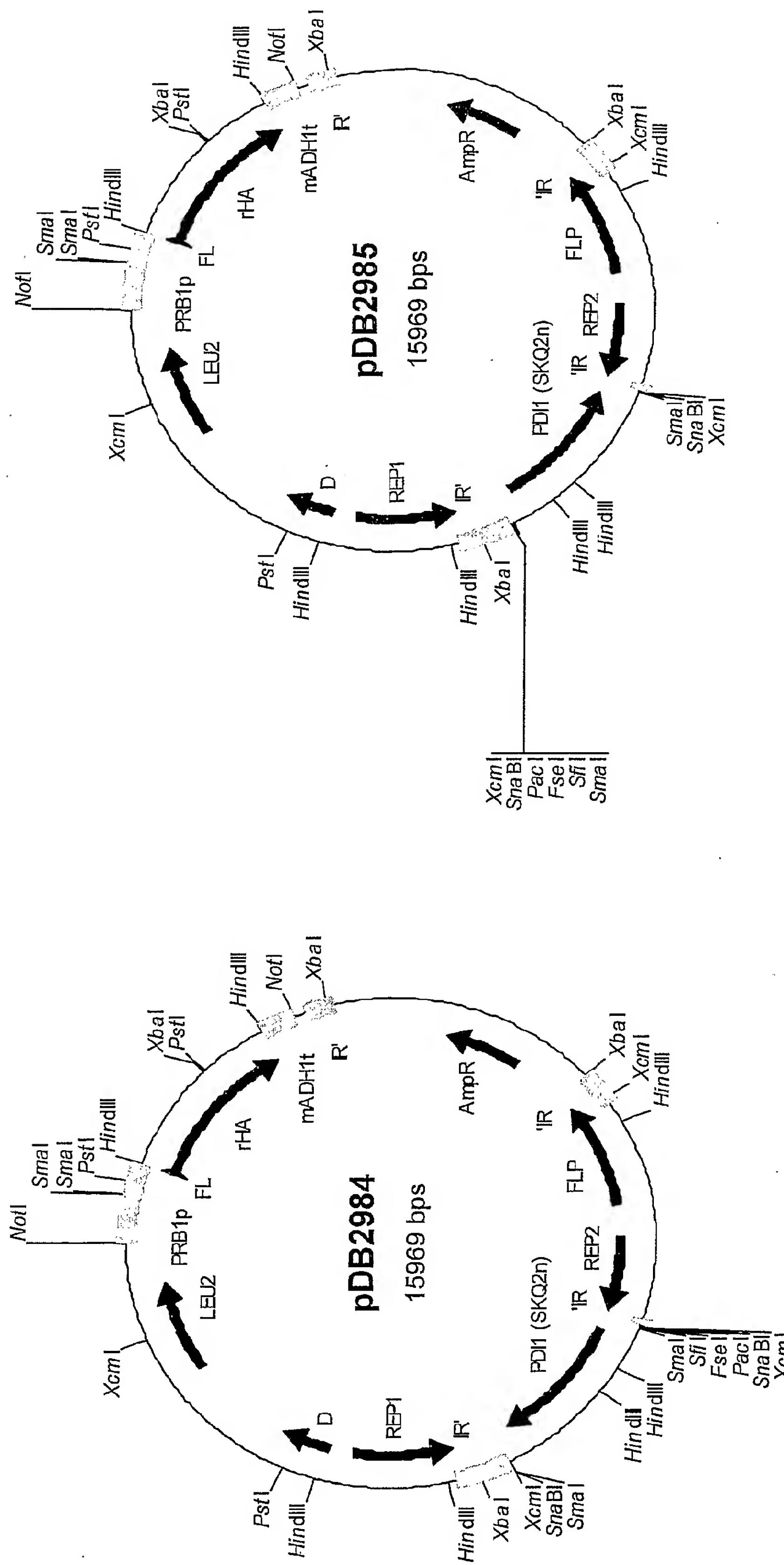
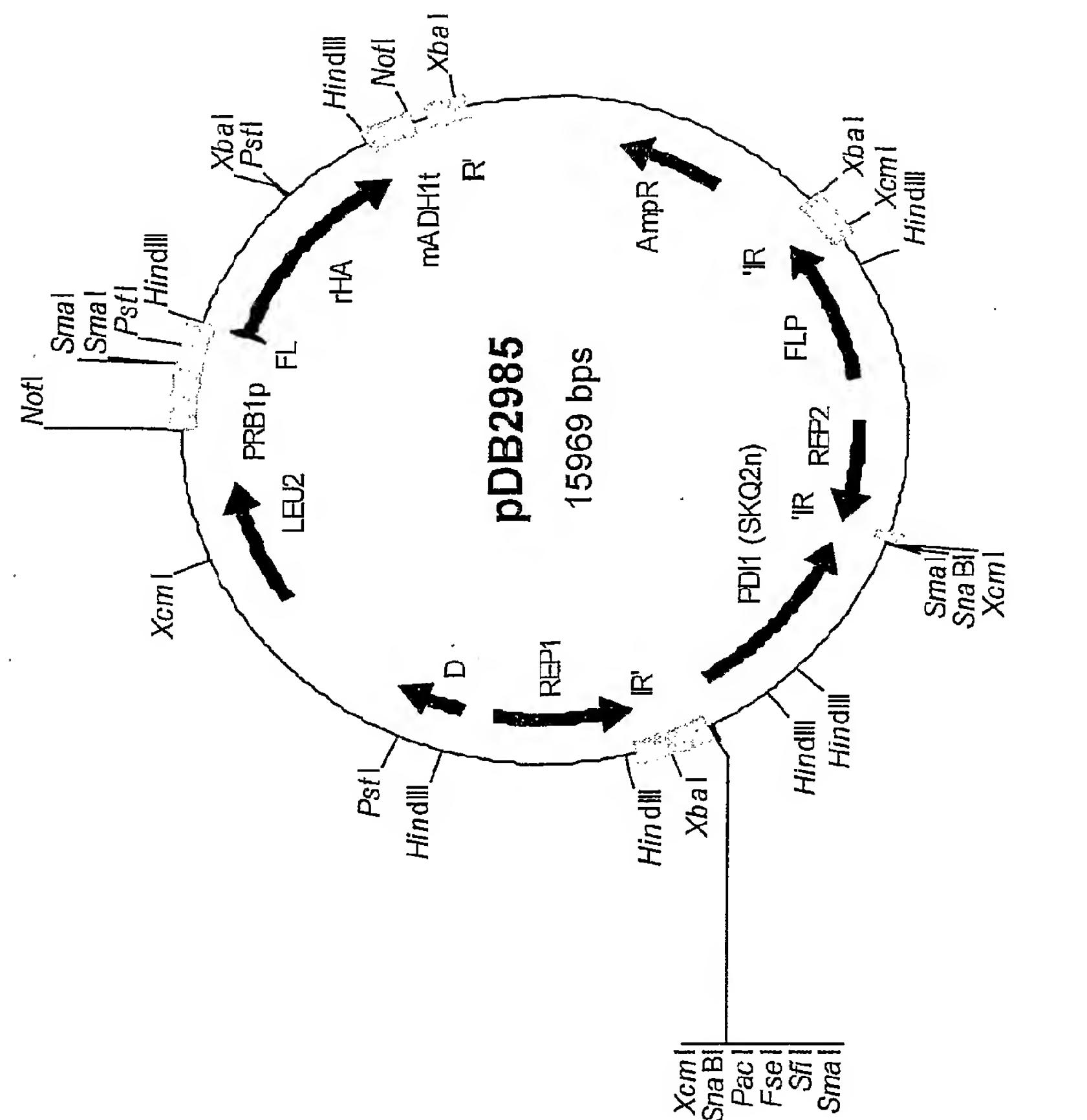
**FIGURE 39****FIGURE 40**

**FIGURE 41**



**FIGURE 42**



**FIGURE 43****FIGURE 44**

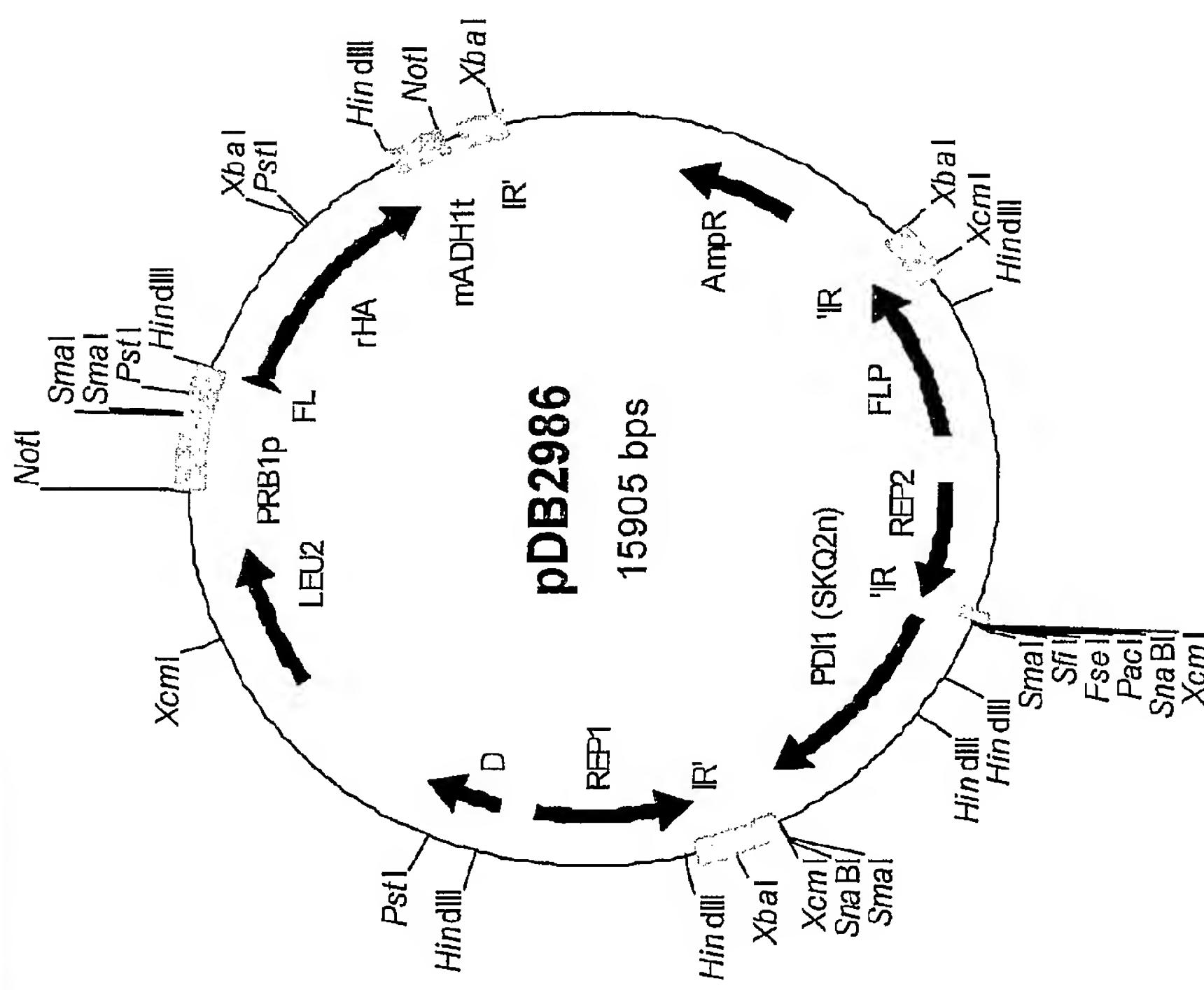
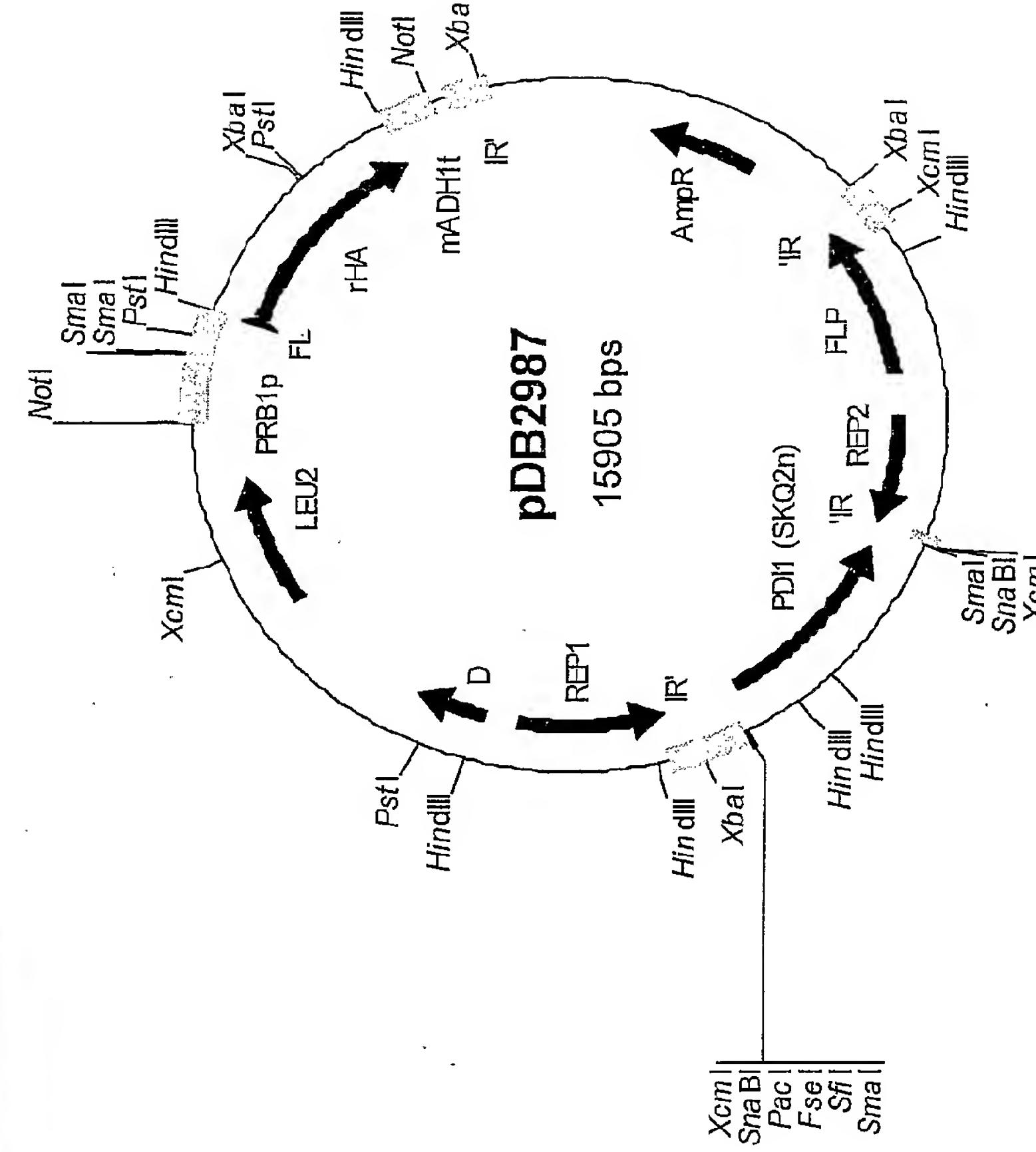
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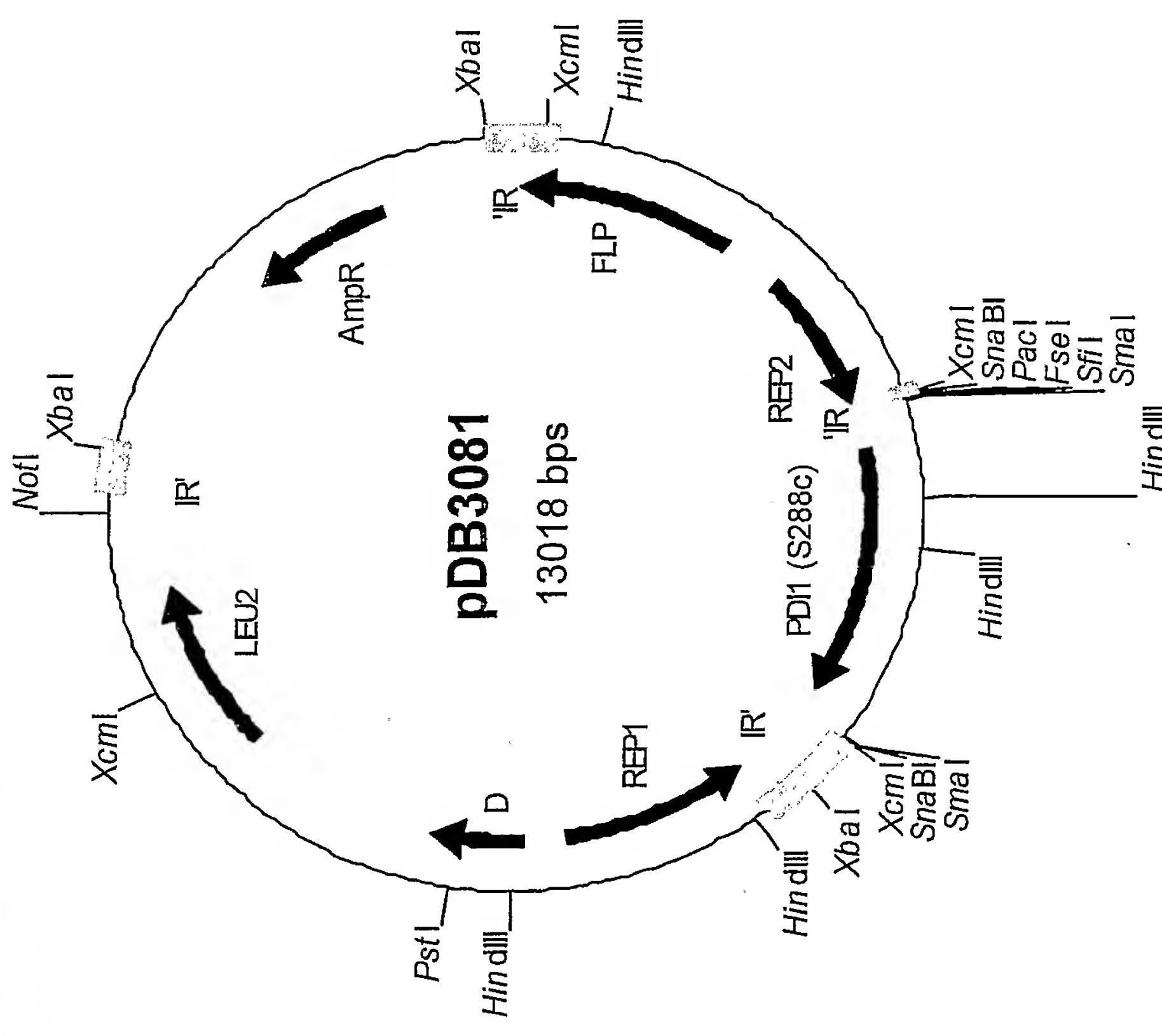
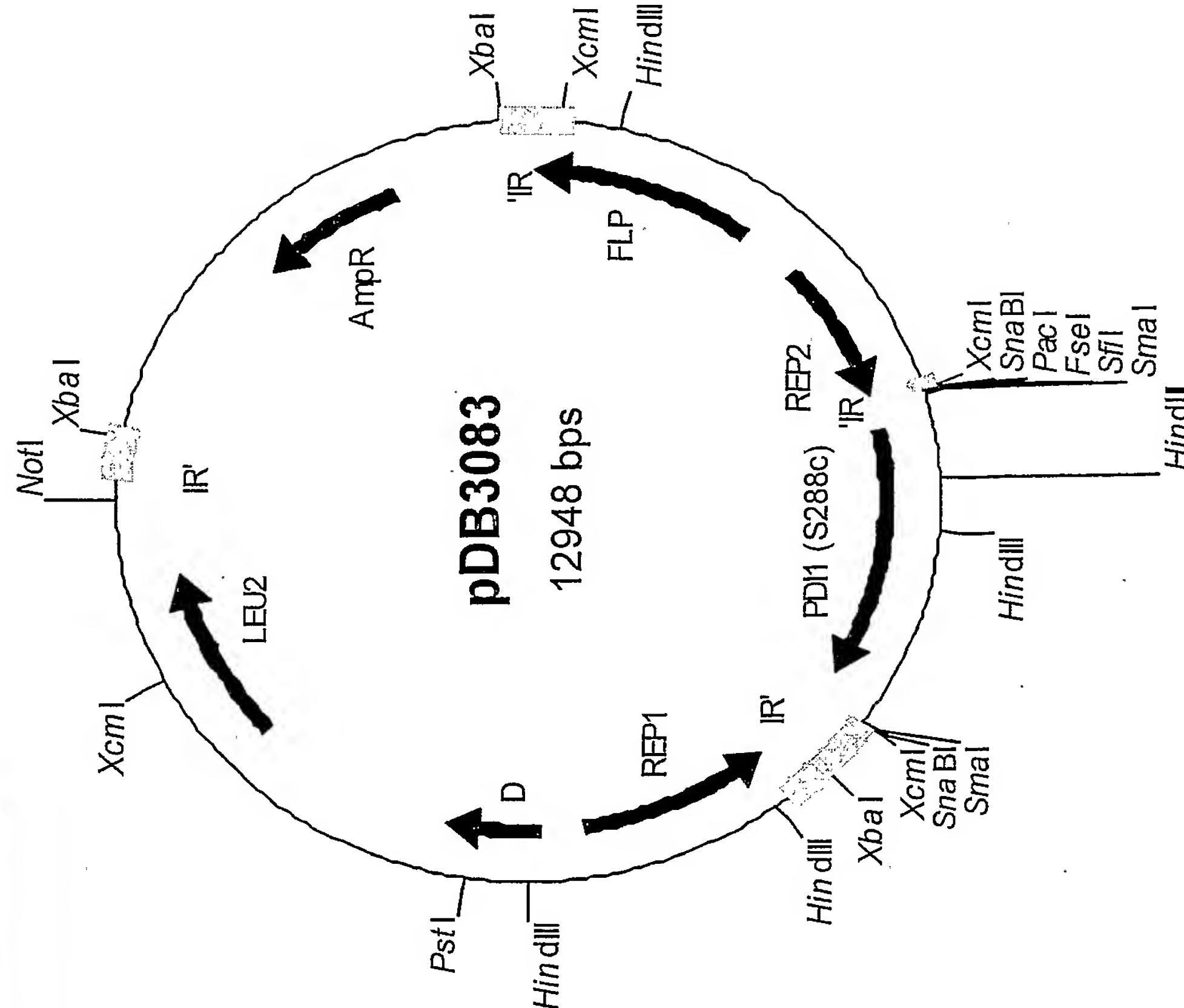
FIGURE 47FIGURE 48

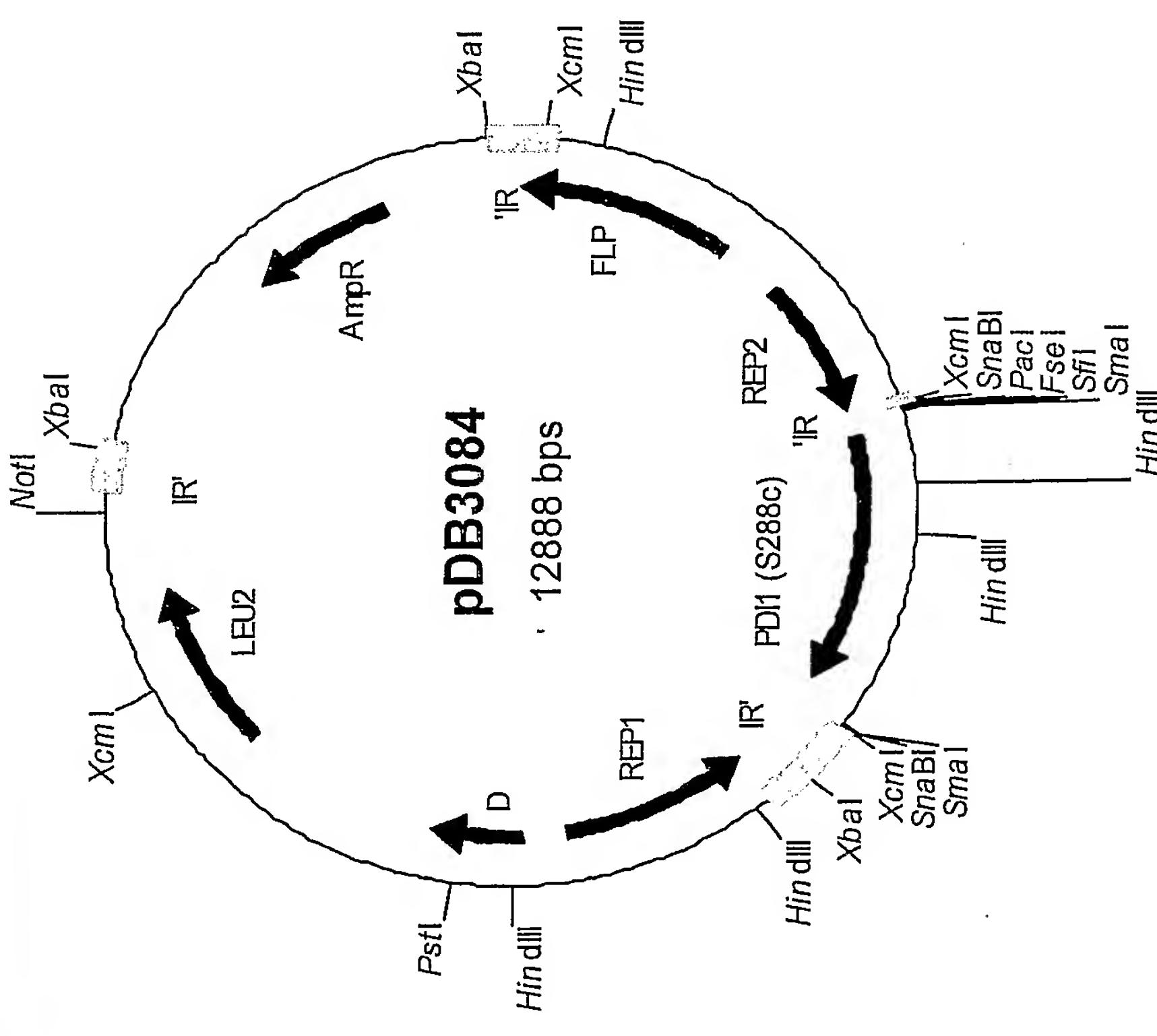
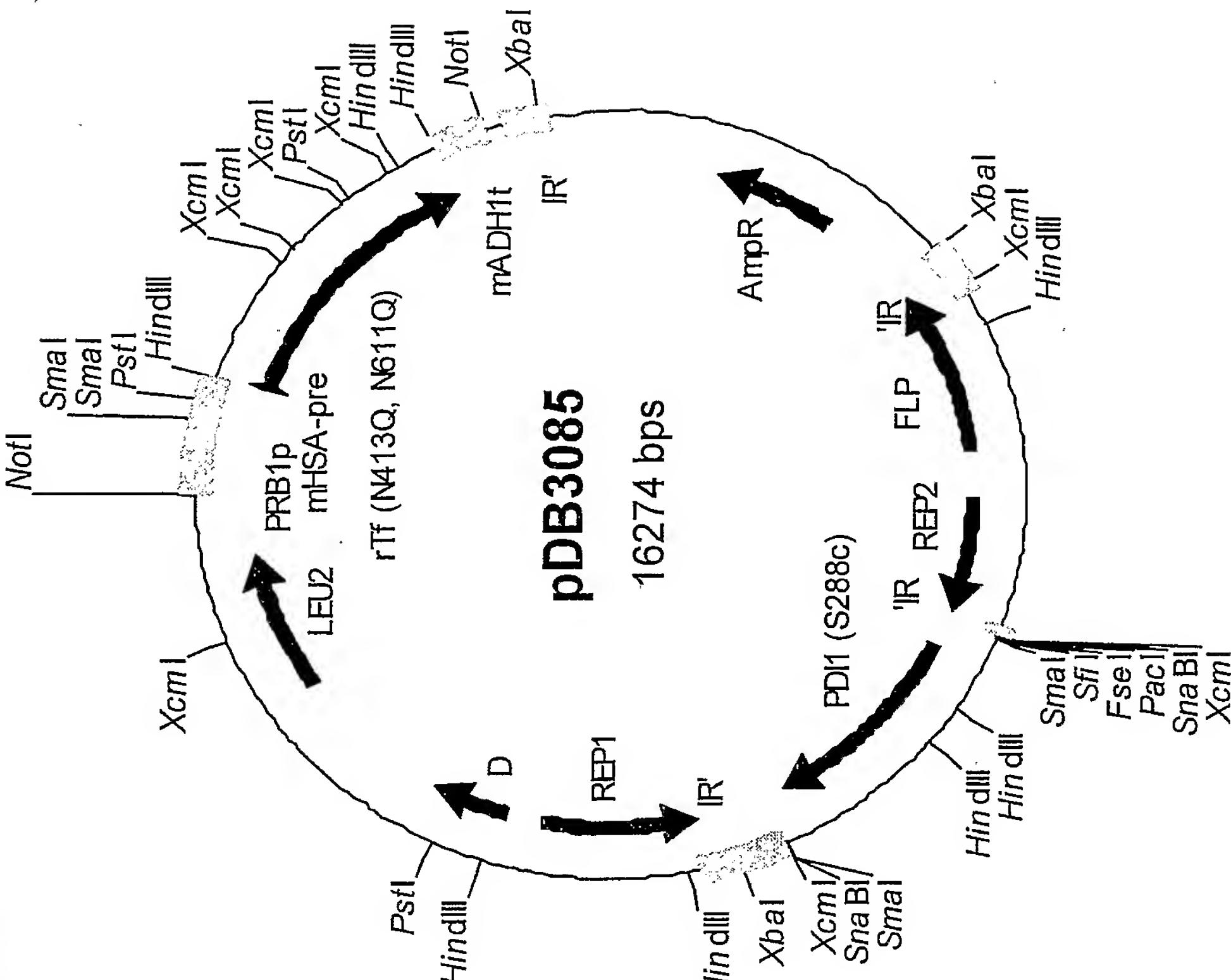
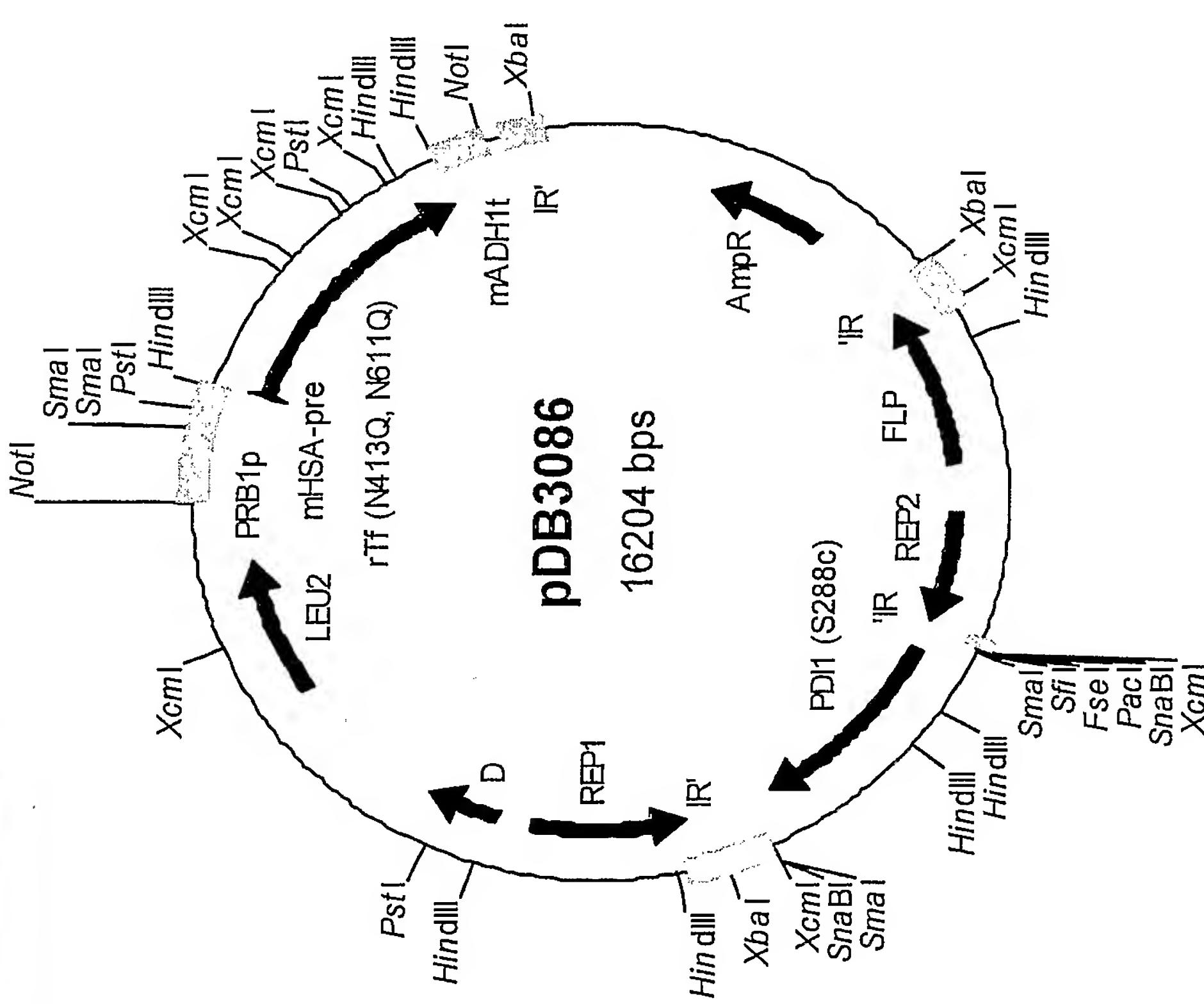
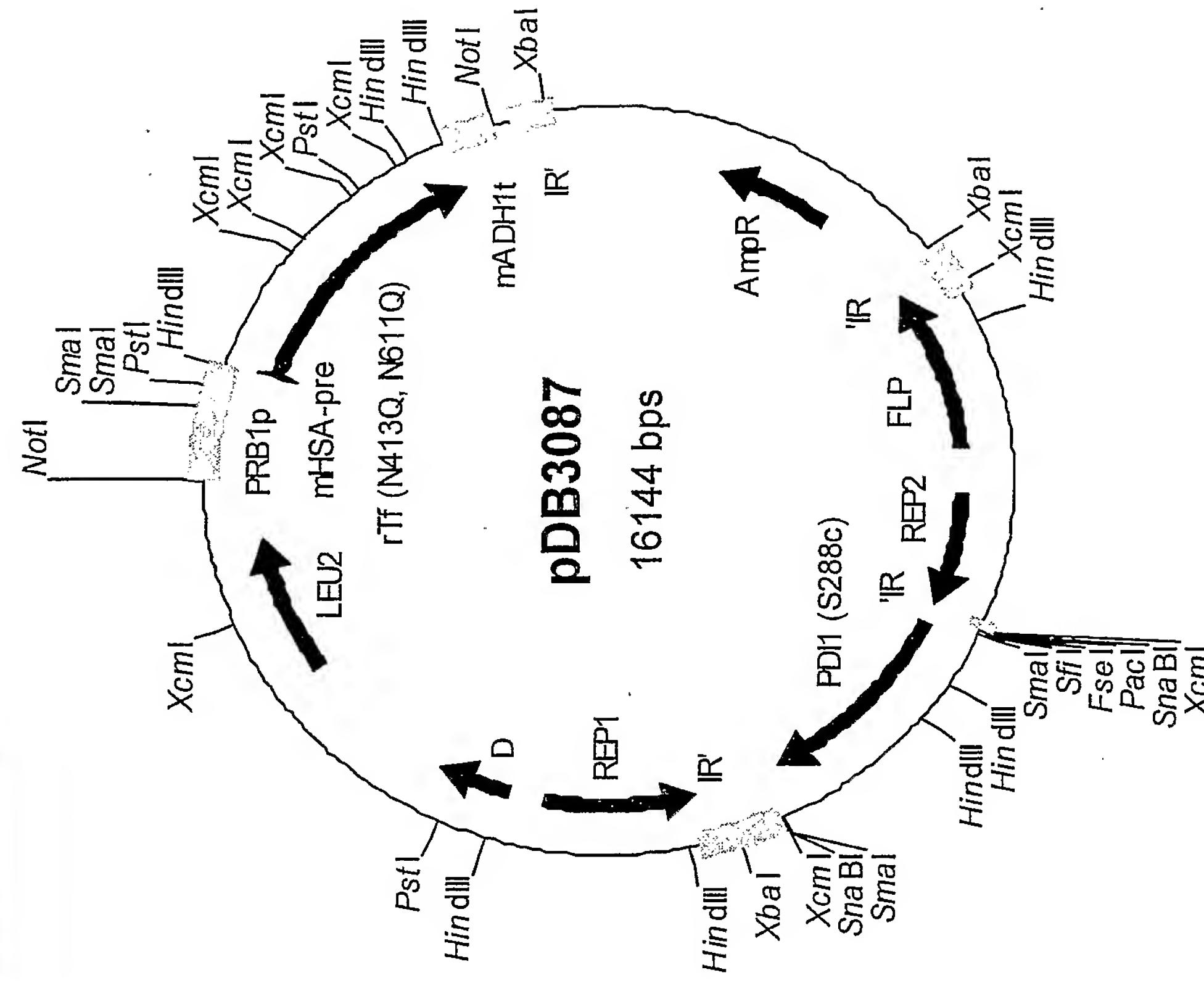
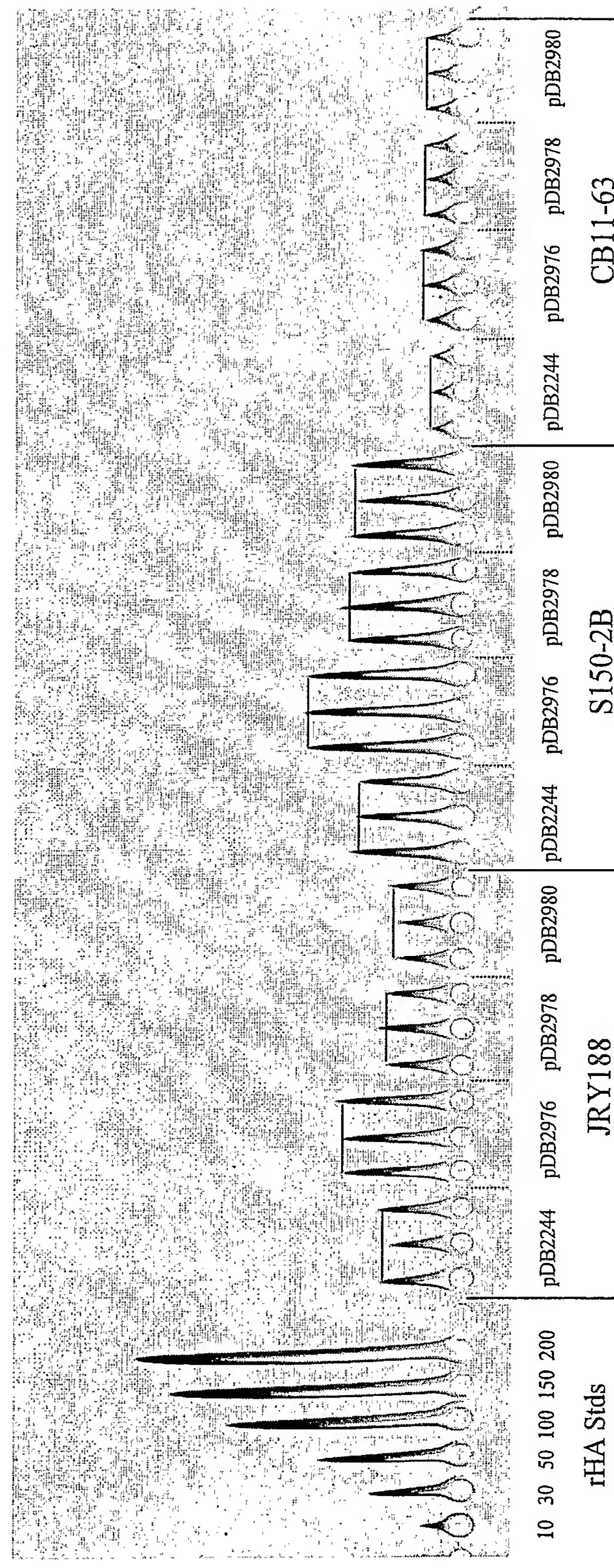
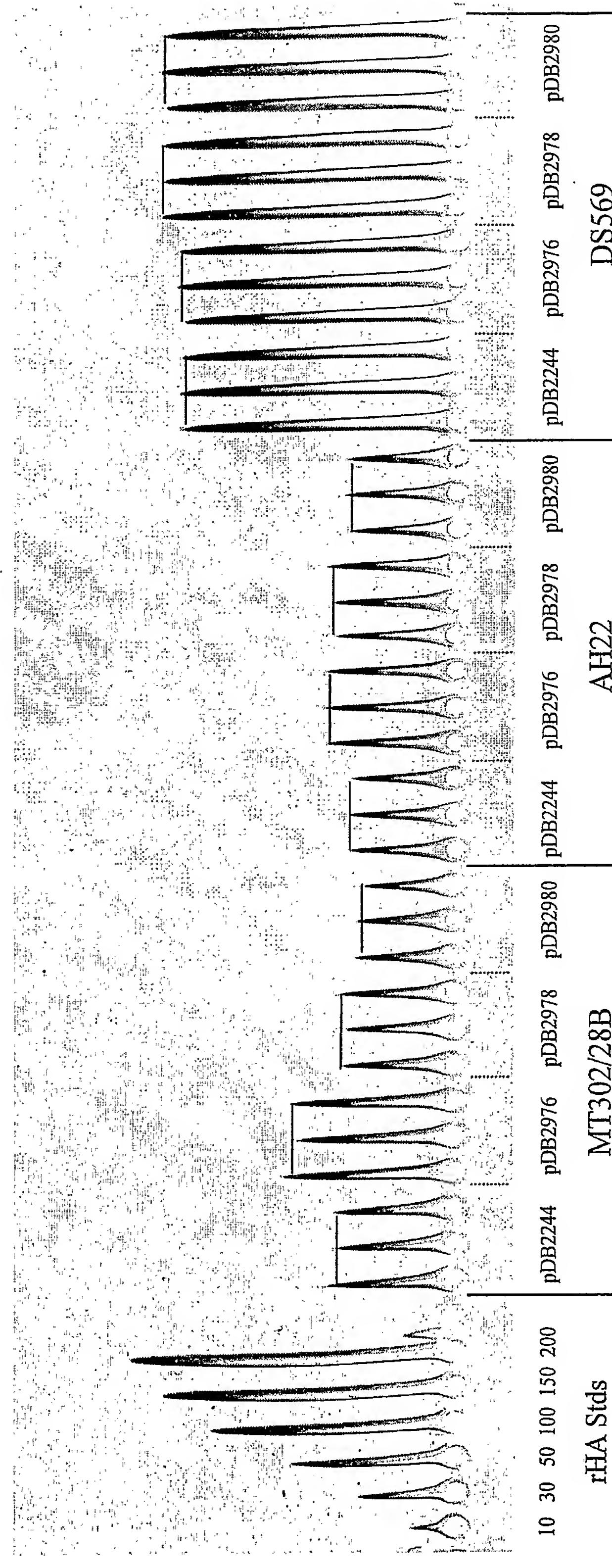
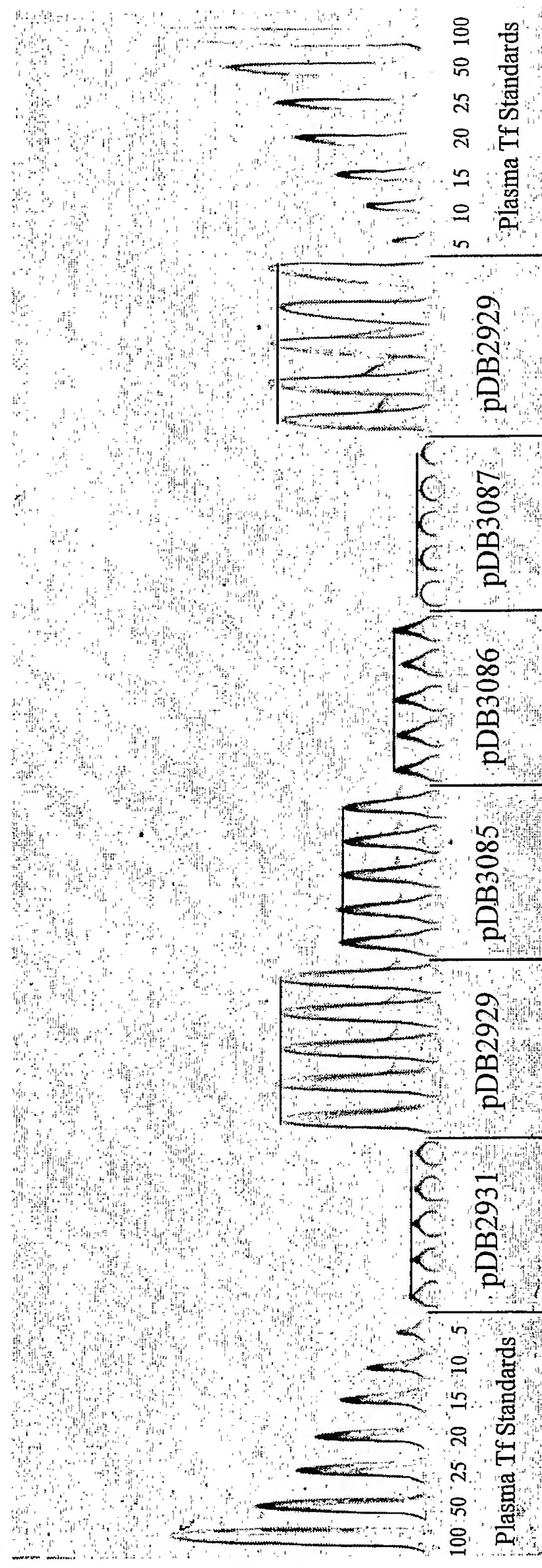
FIGURE 49FIGURE 50

FIGURE 51FIGURE 52

**FIGURE 53**

**FIGURE 54**

**FIGURE 55**

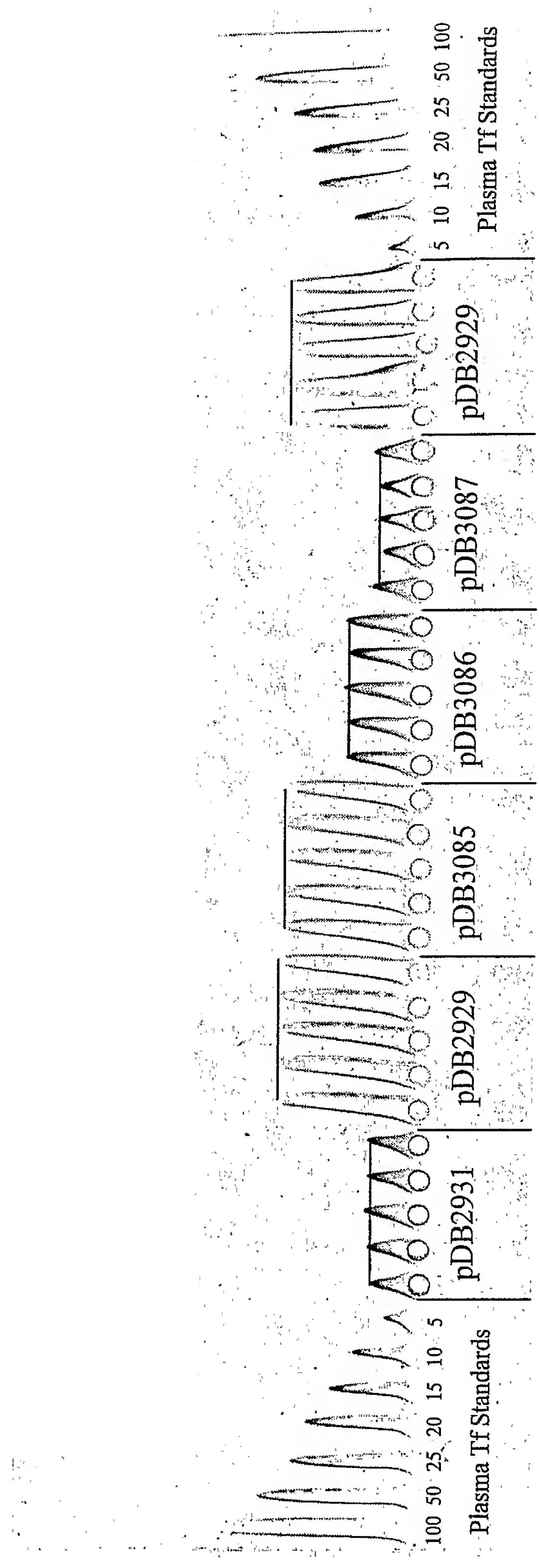
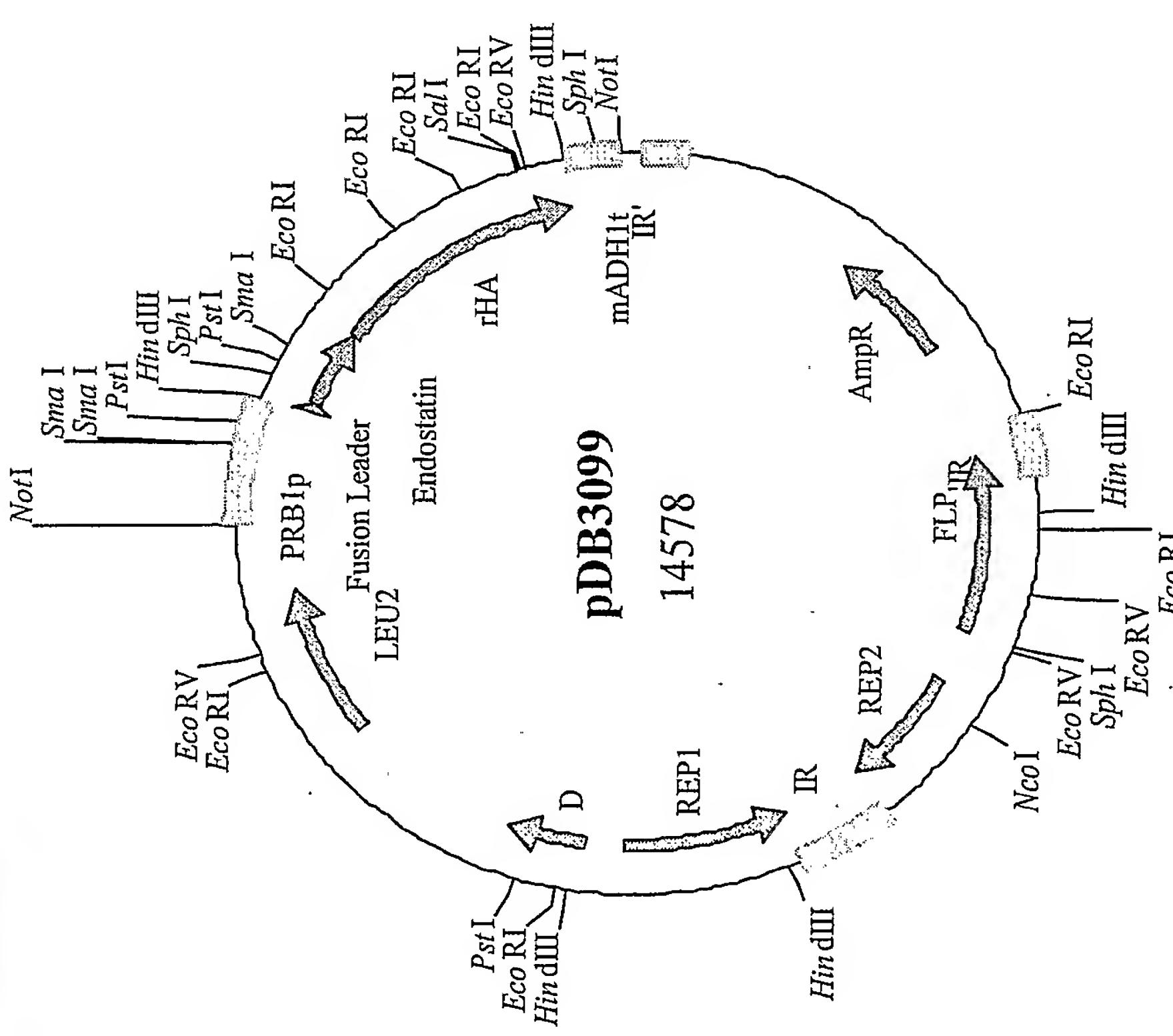
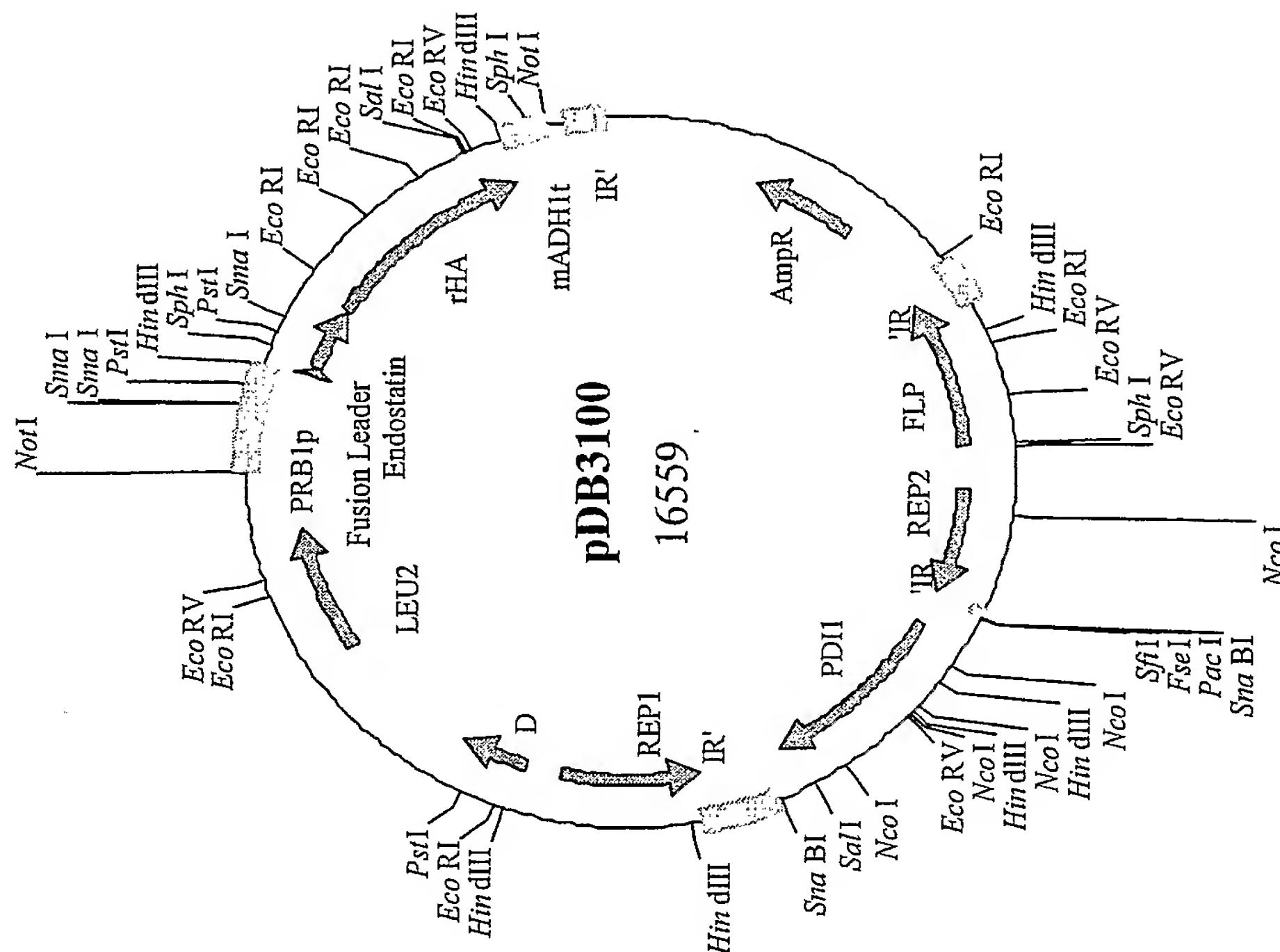


Figure 56

**FIGURE 57****FIGURE 58**

## FIGURE 59

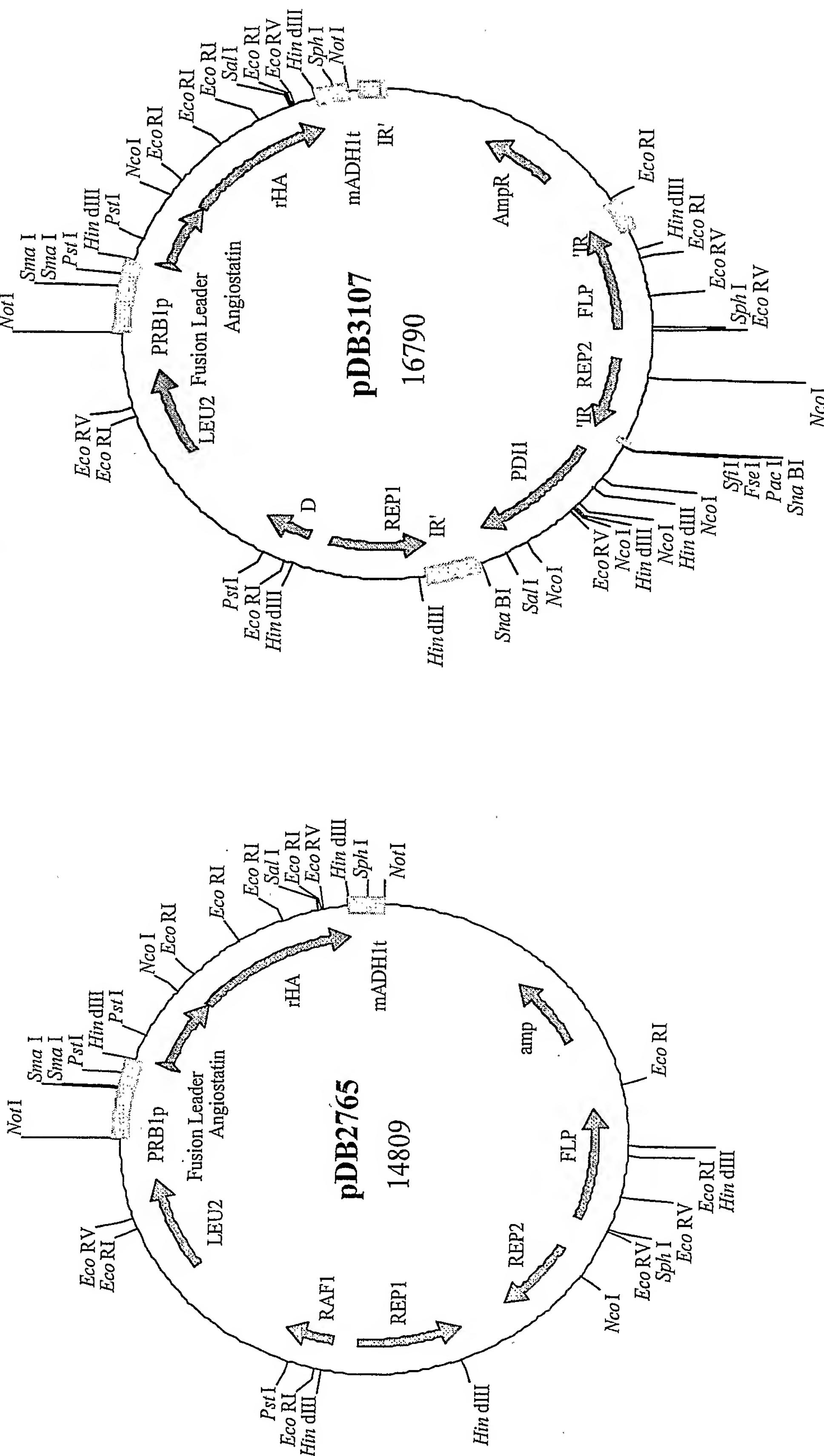


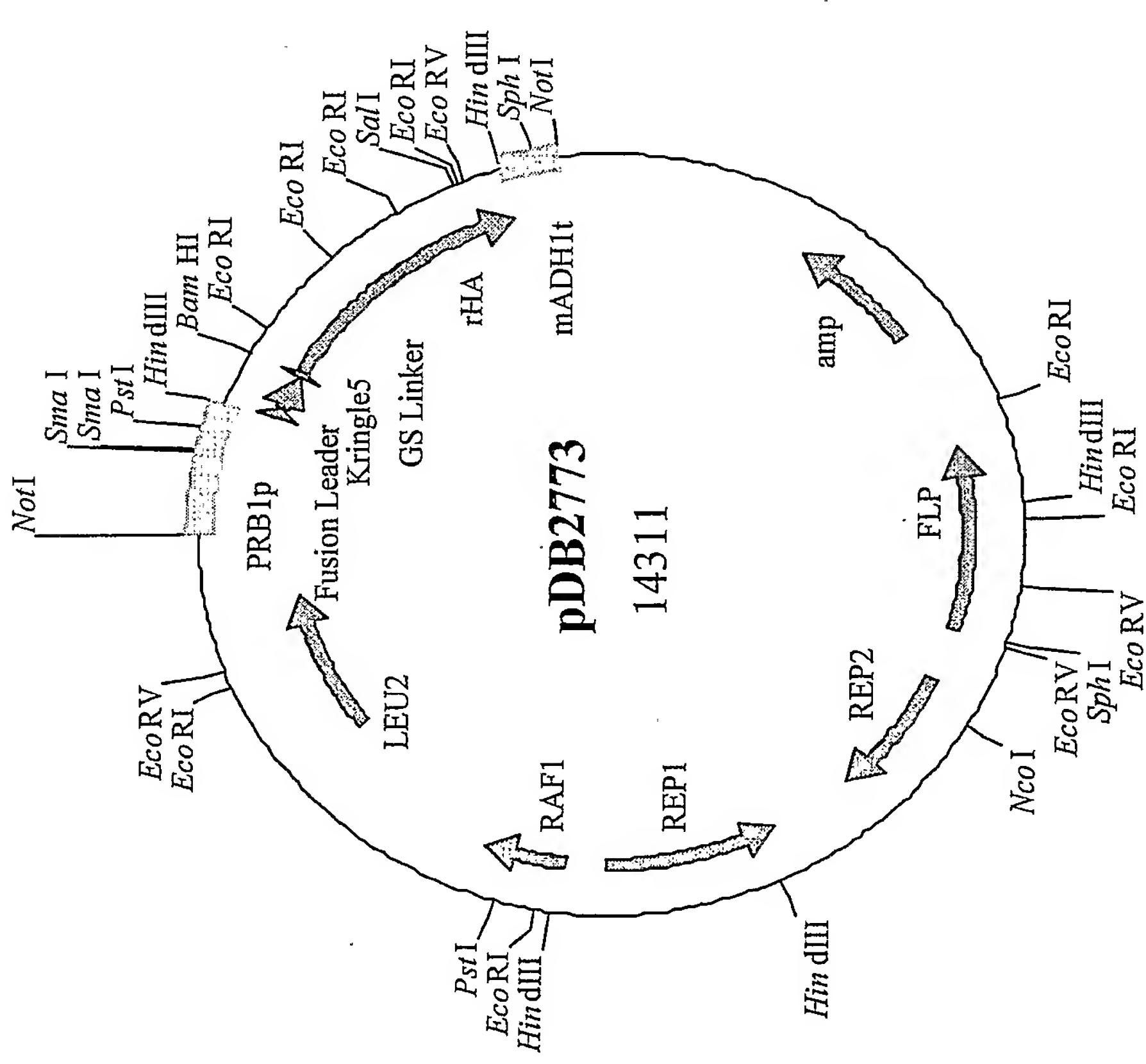
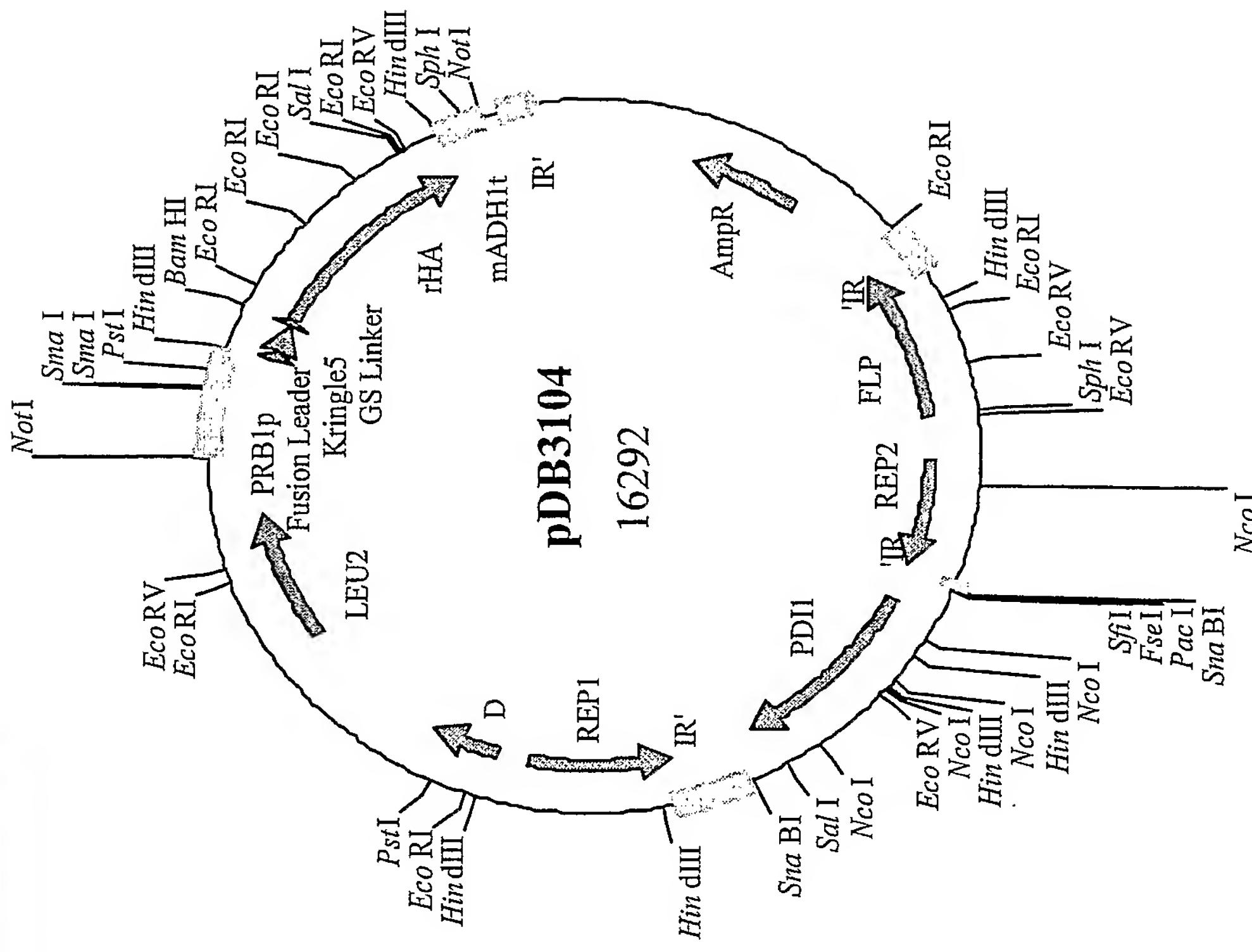
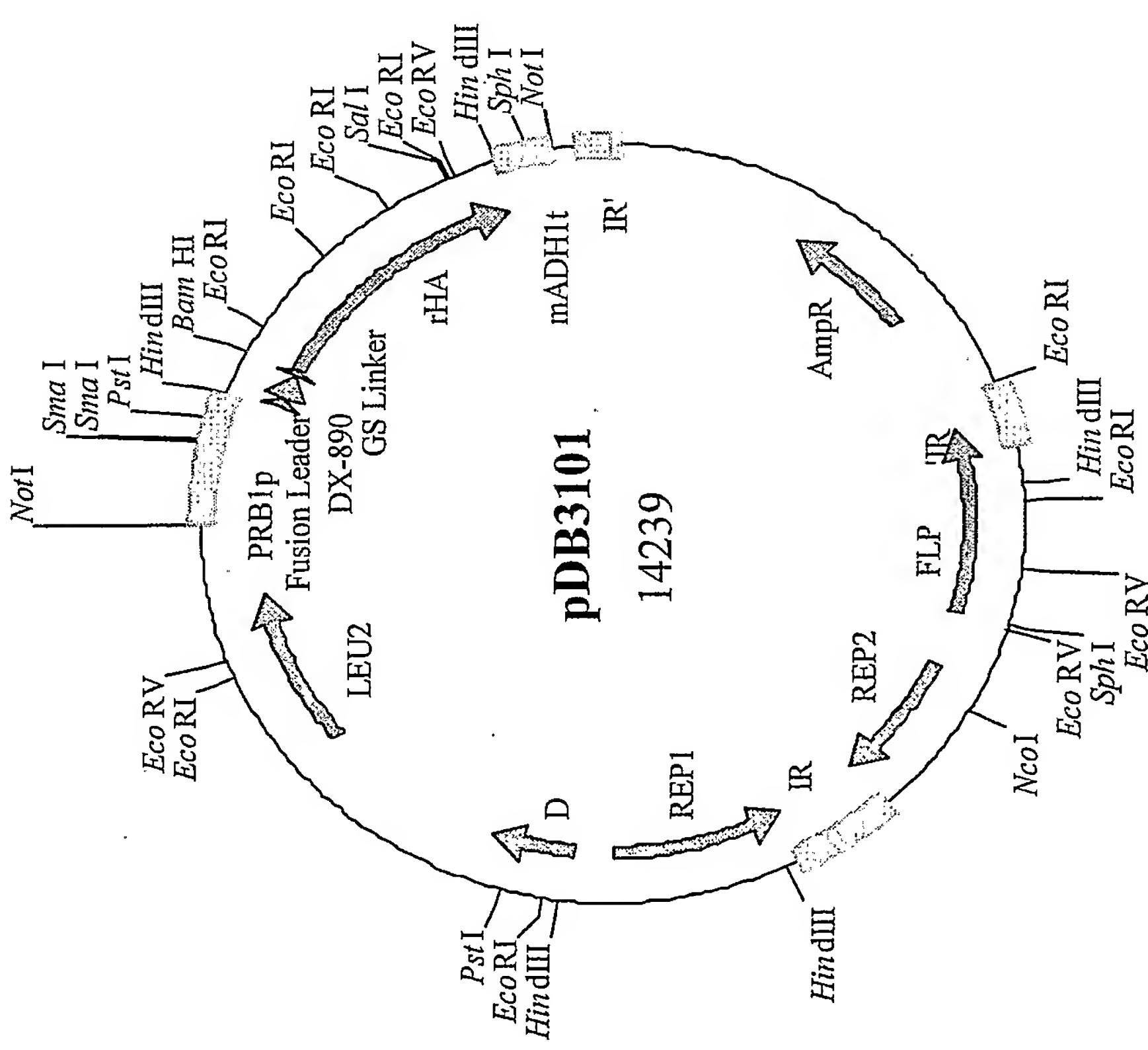
FIGURE 61FIGURE 62

FIGURE 63



## FIGURE 64

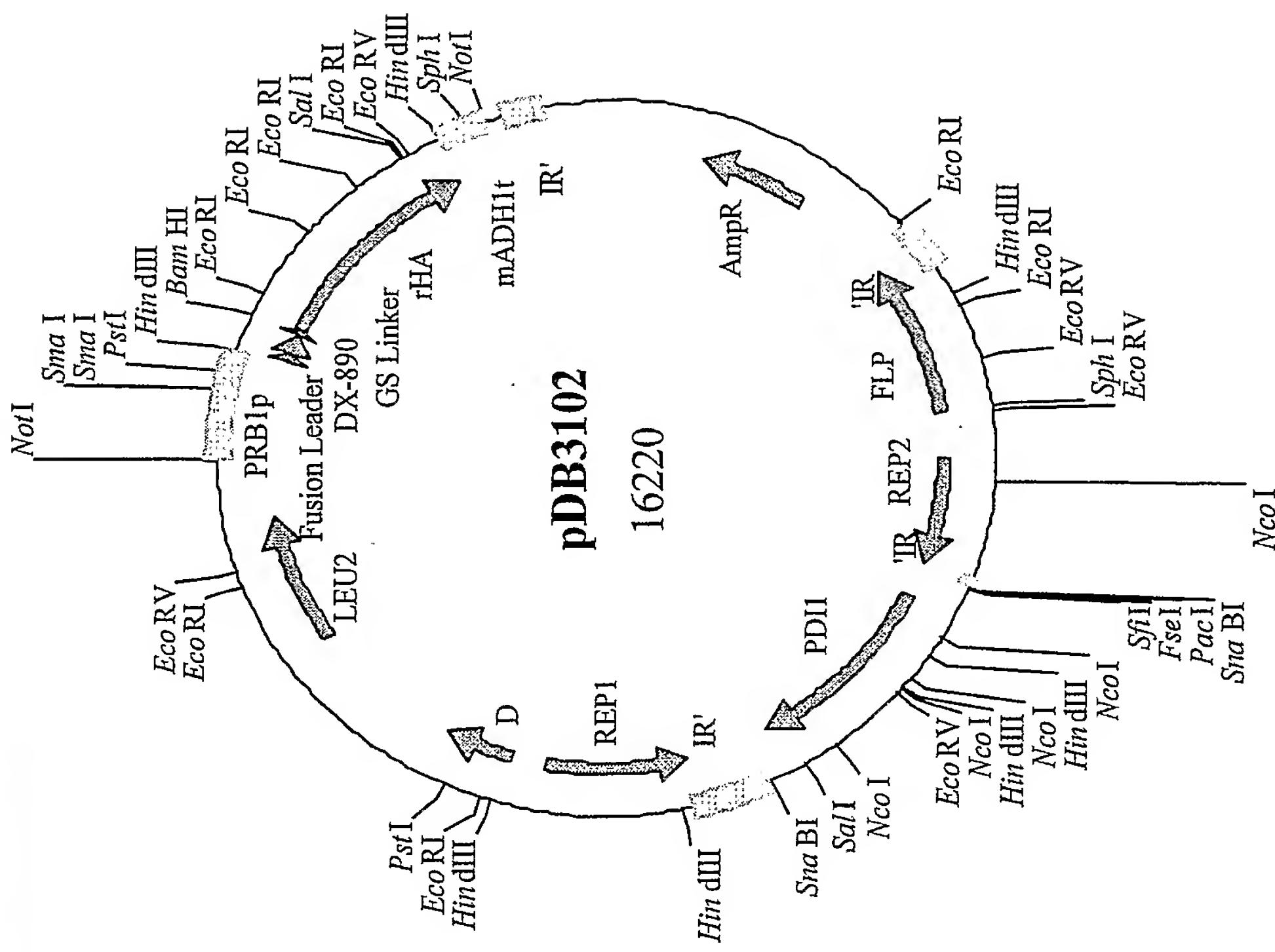
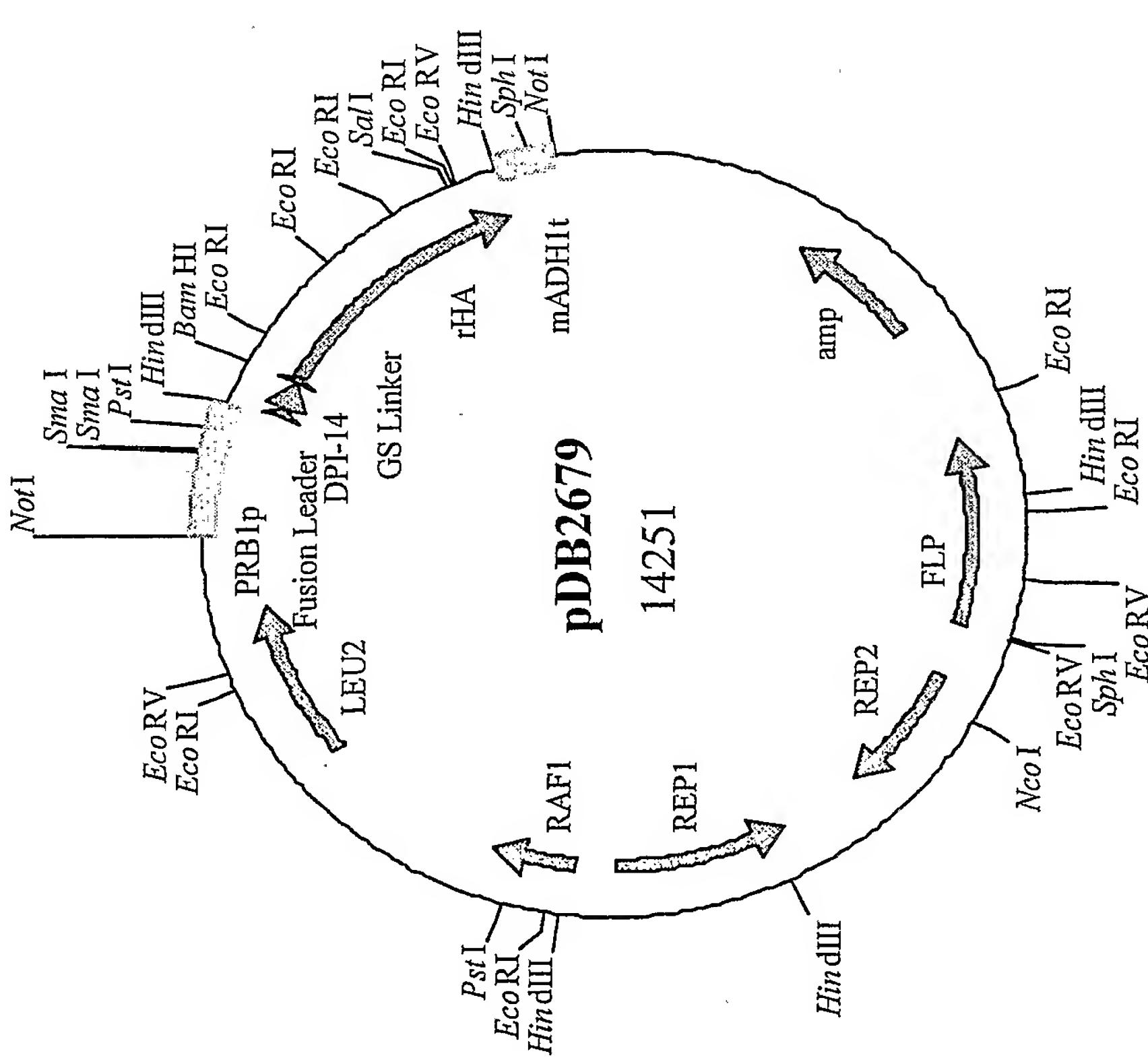
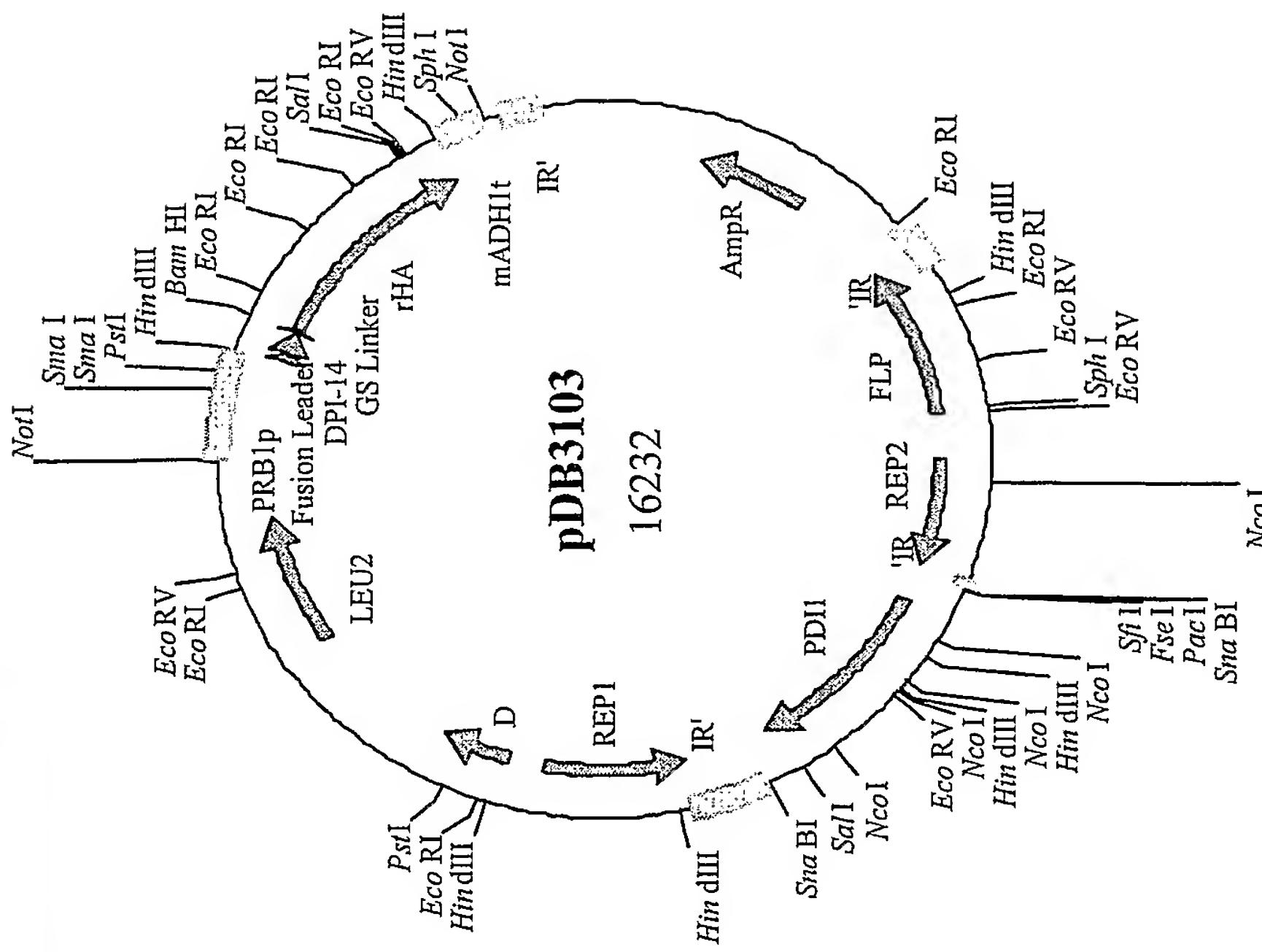


FIGURE 65FIGURE 66

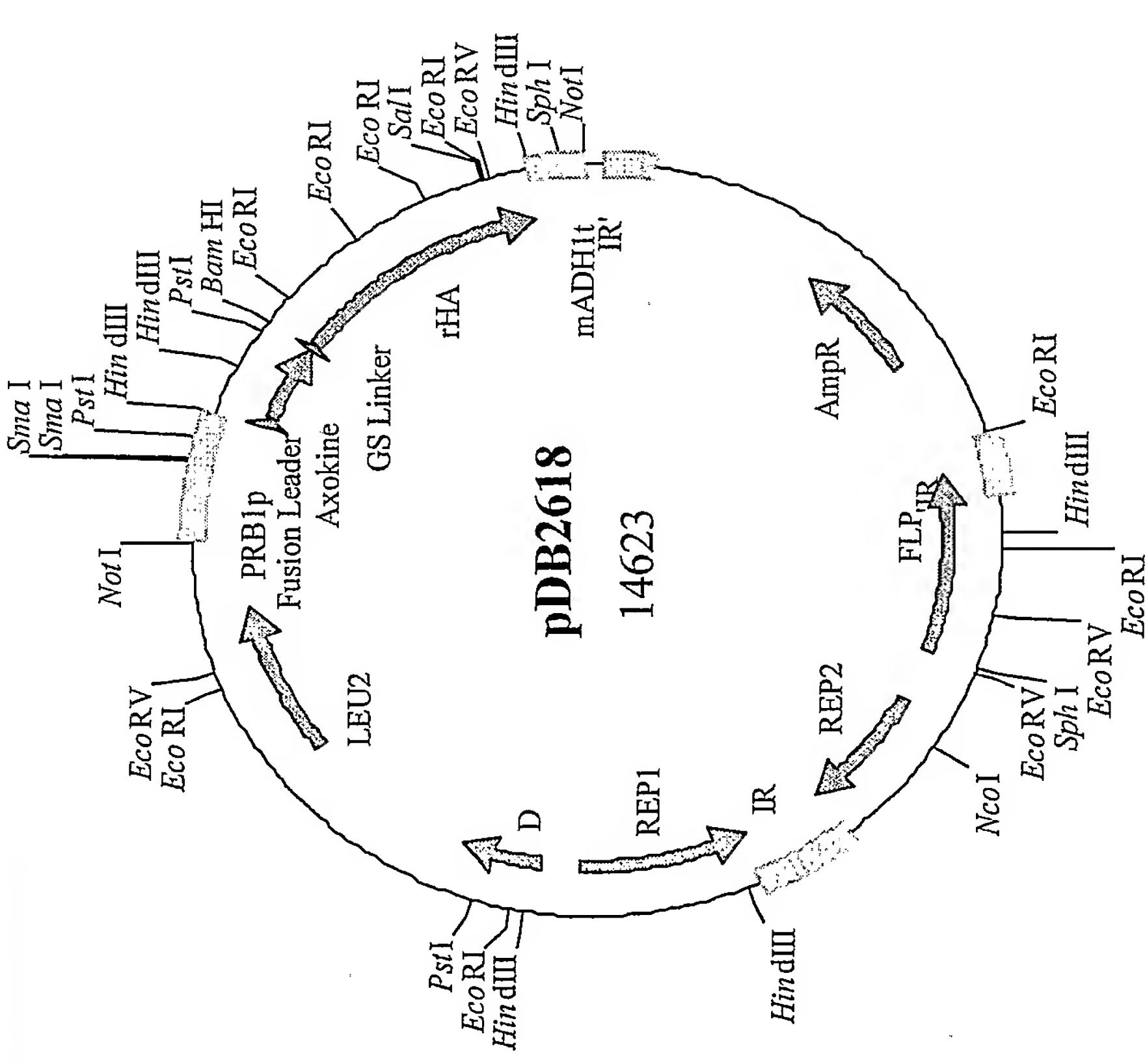
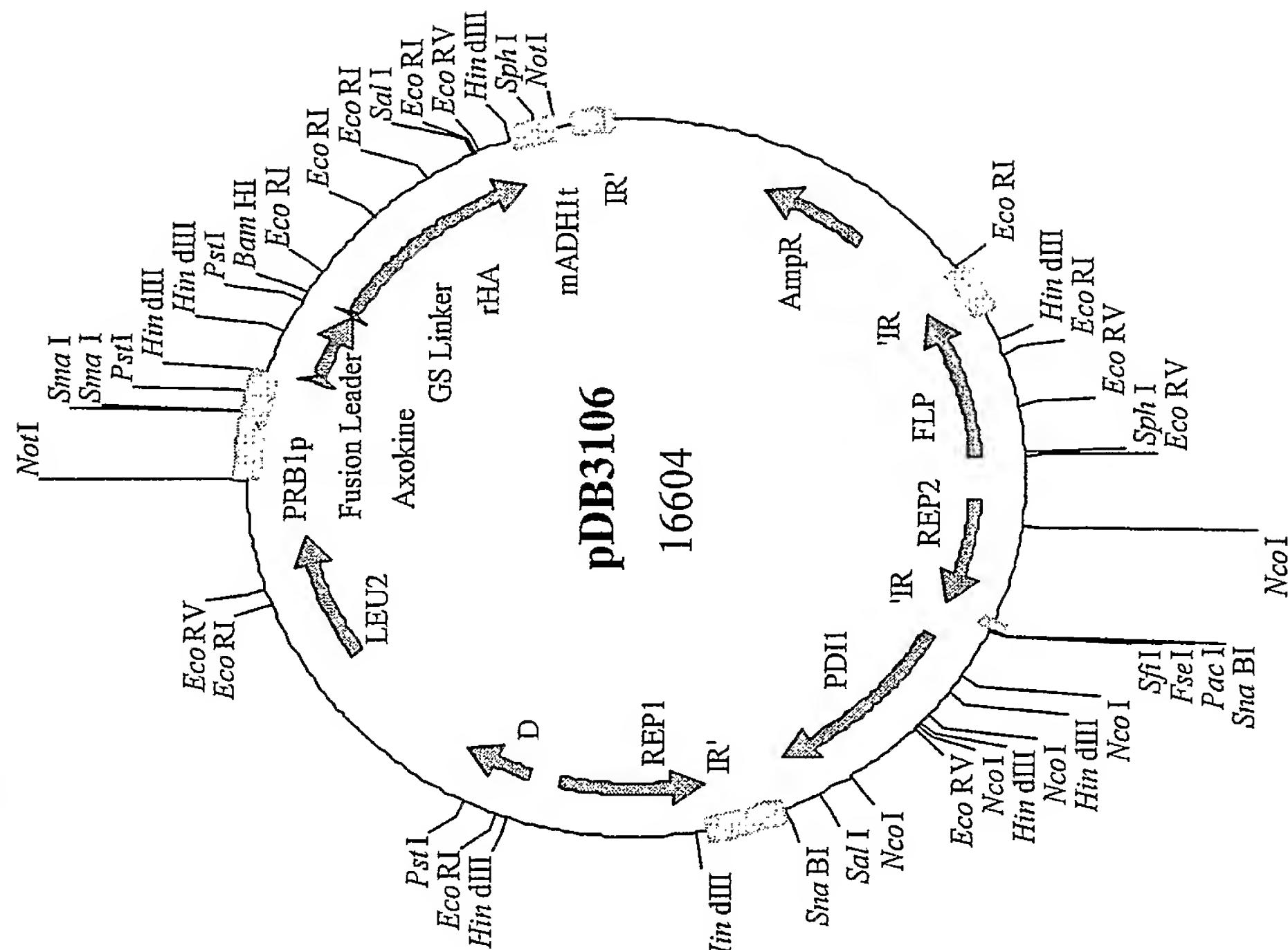
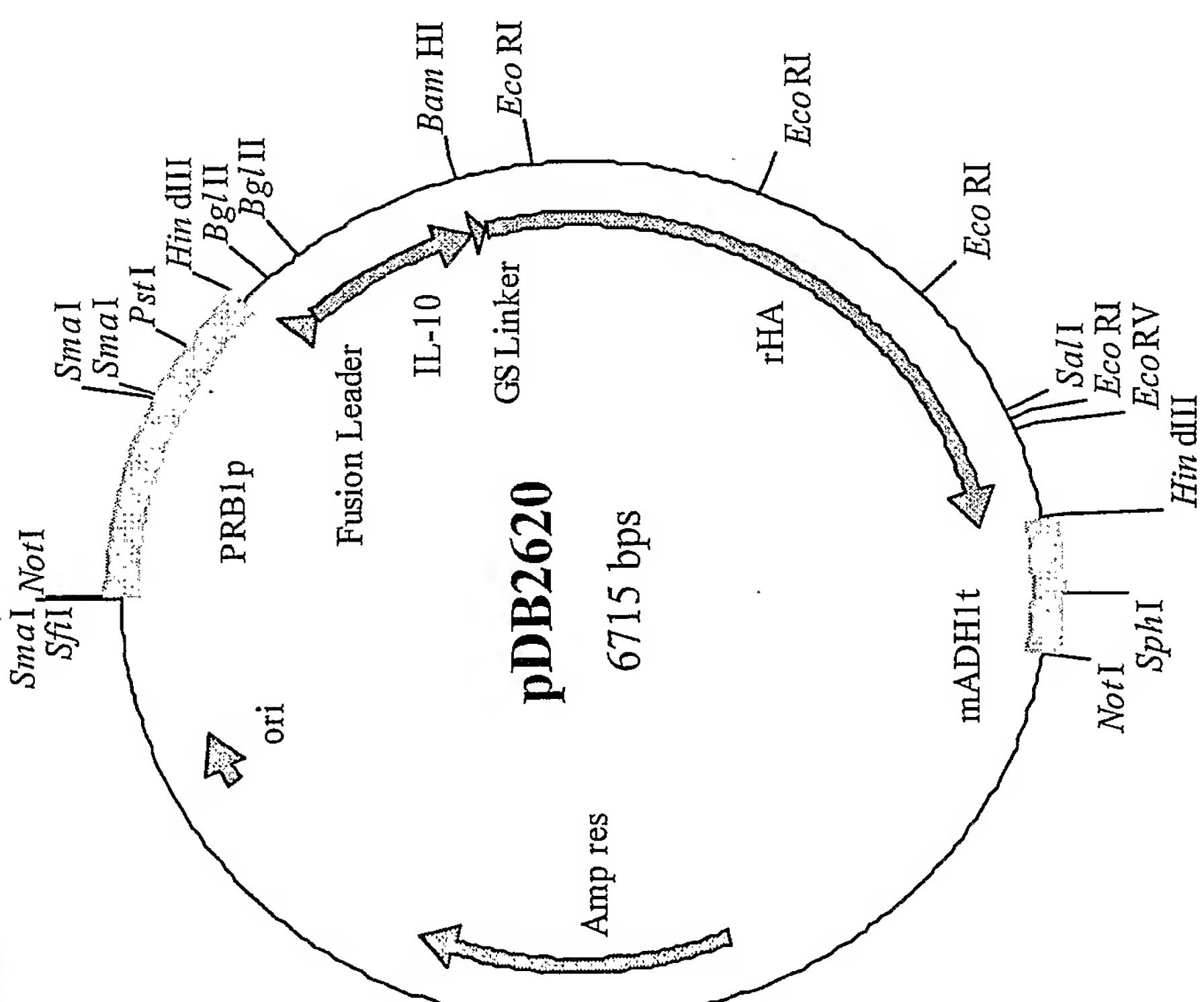
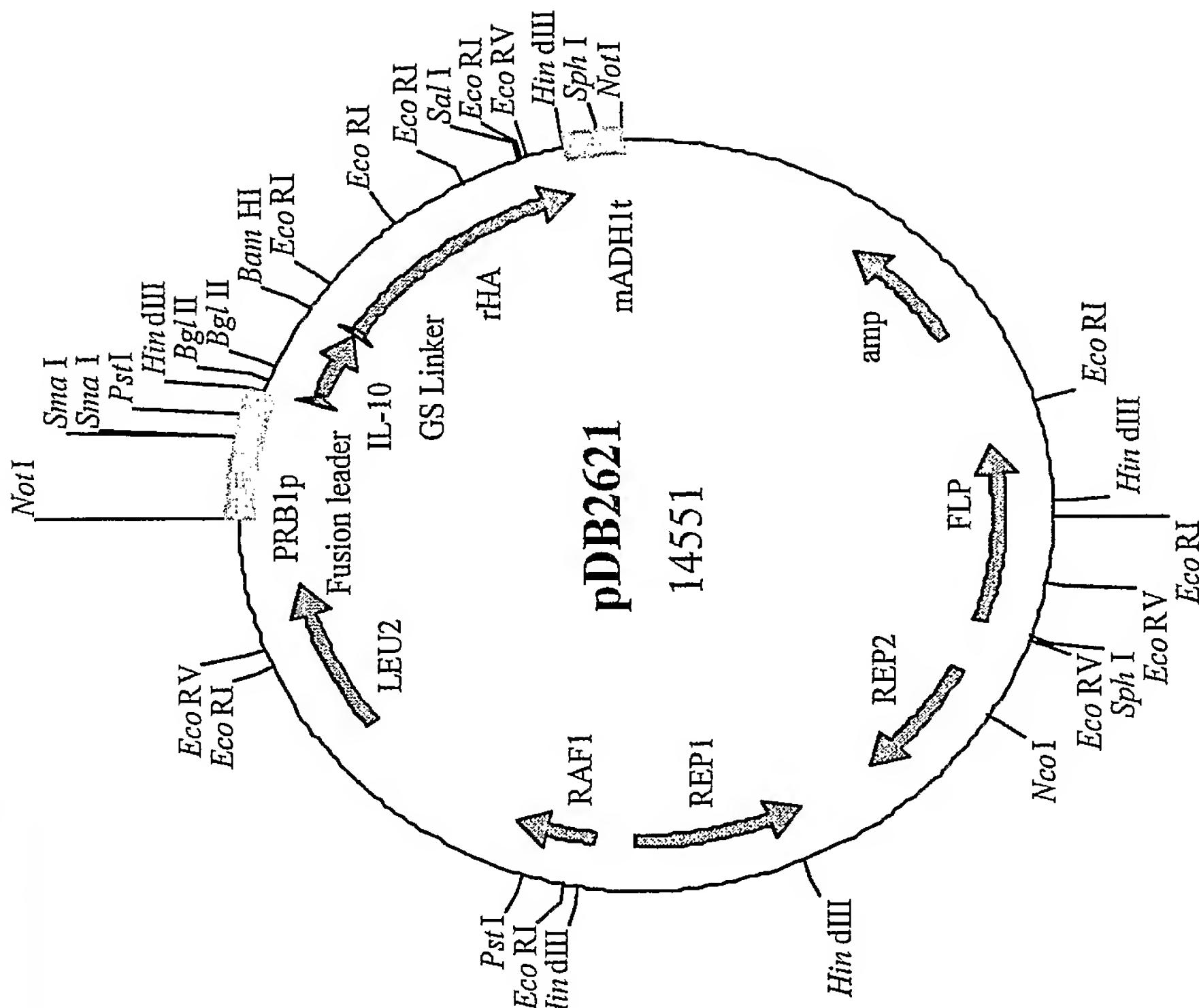
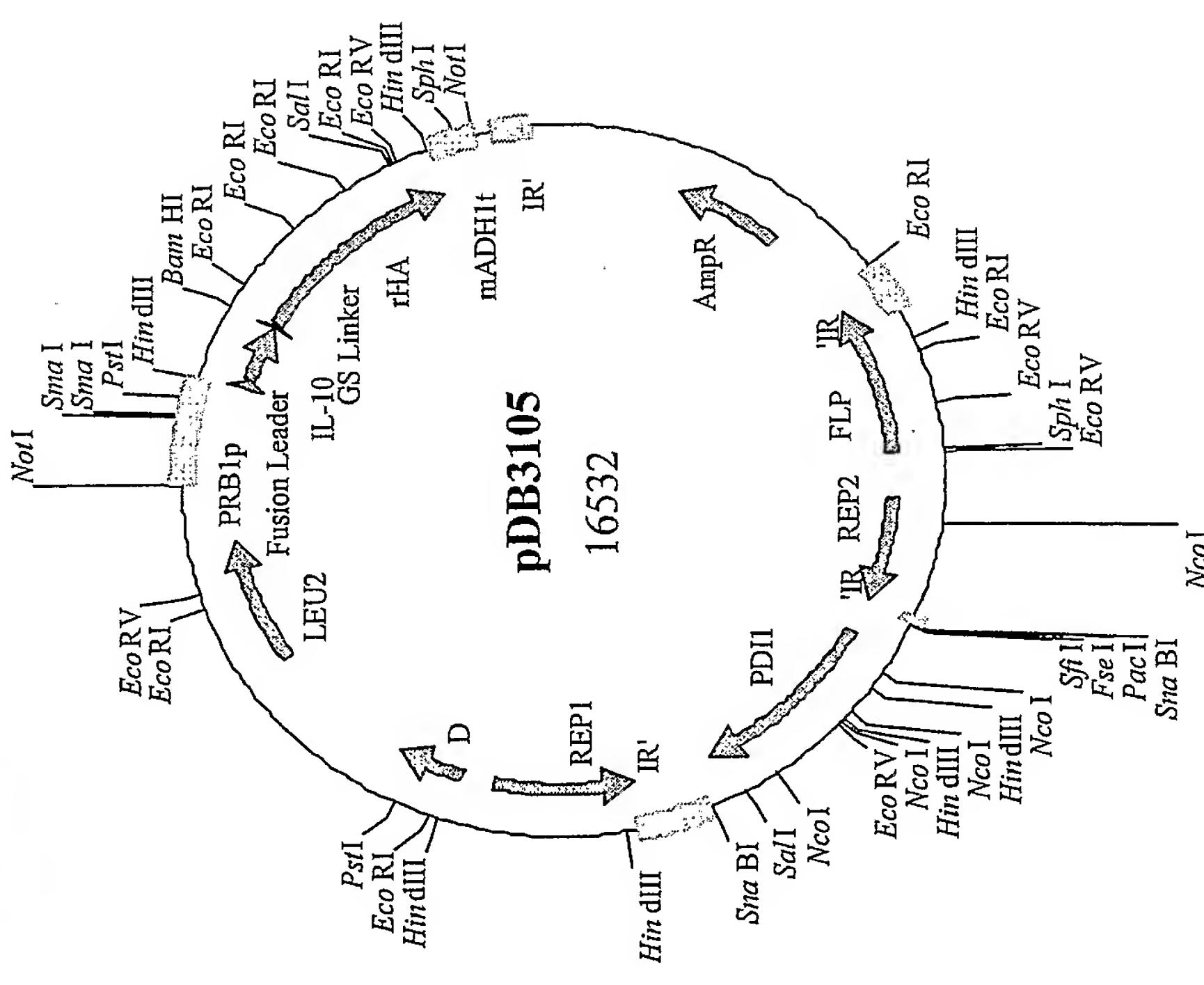
**FIGURE 67****FIGURE 68**

FIGURE 69



## FIGURE 70



**FIGURE 71**

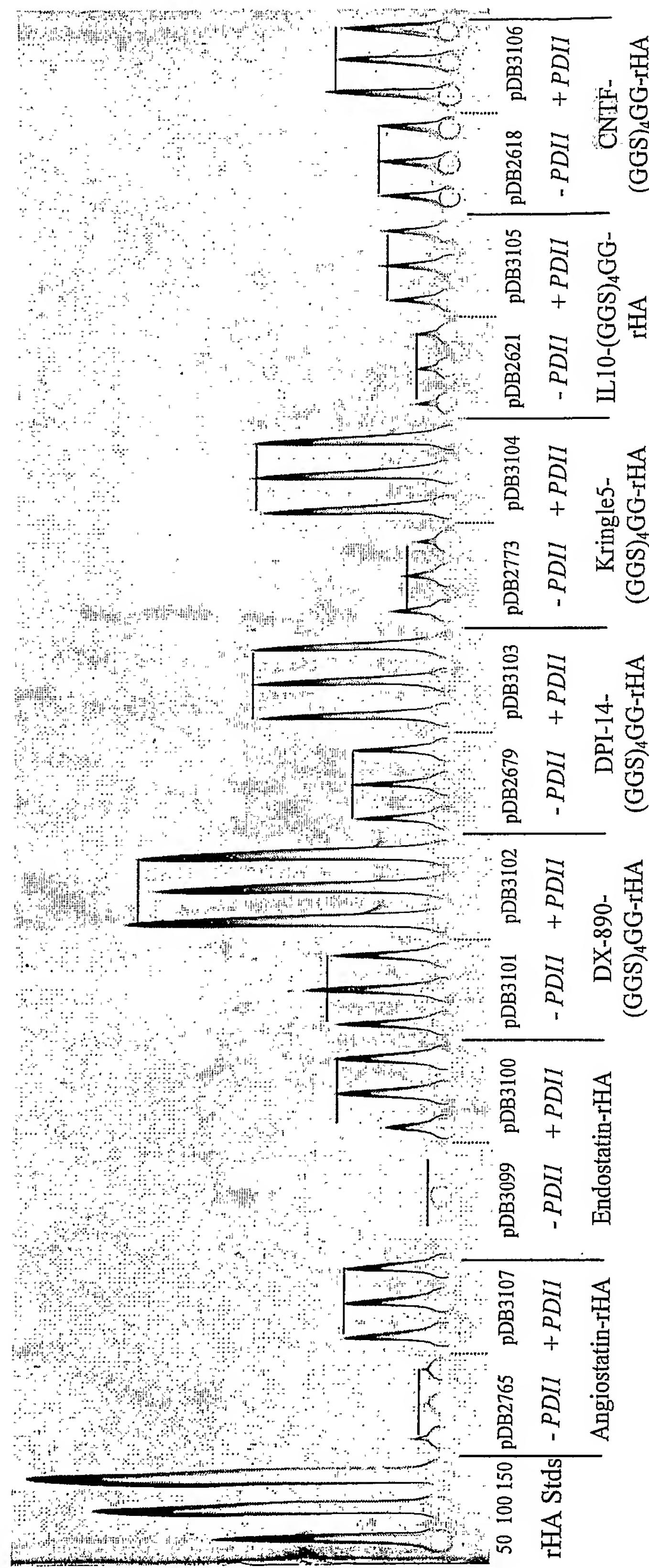
**FIGURE 72**

FIGURE 73

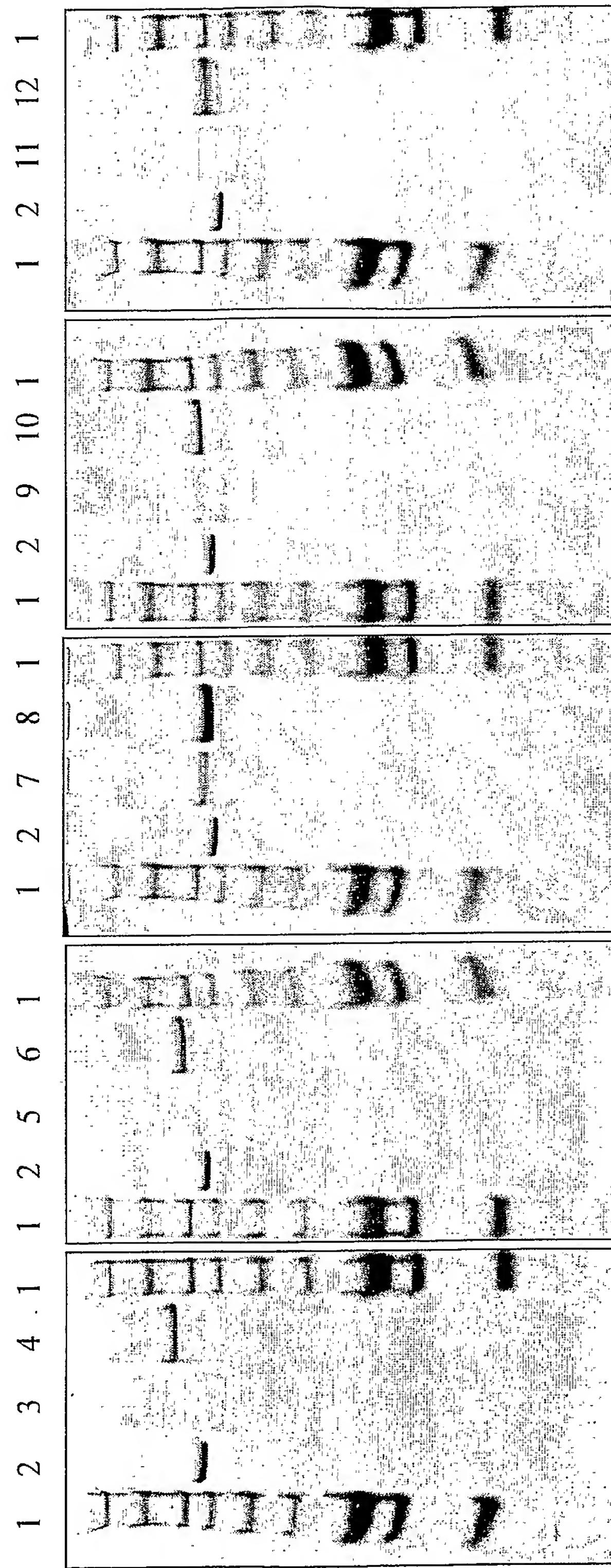
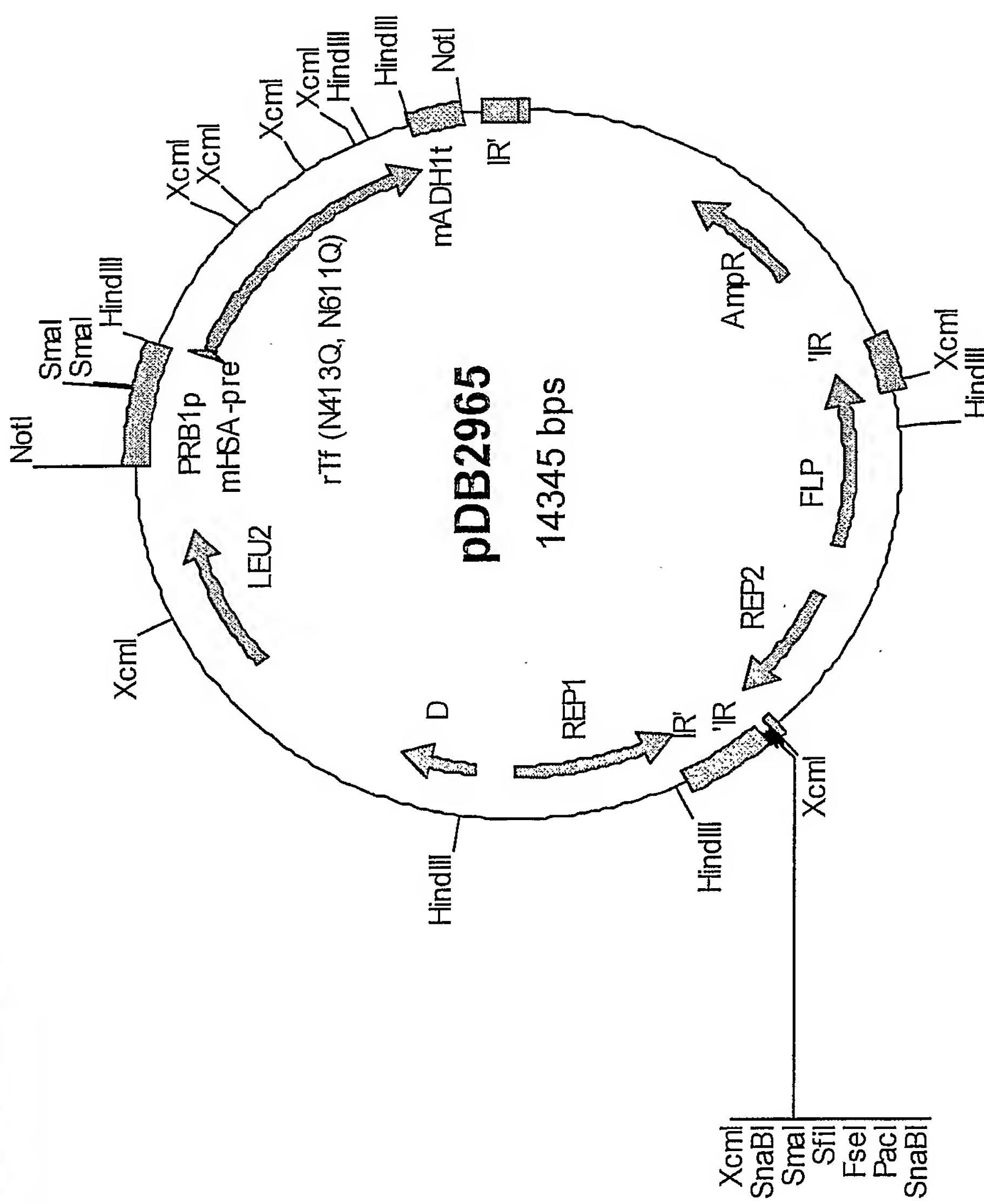
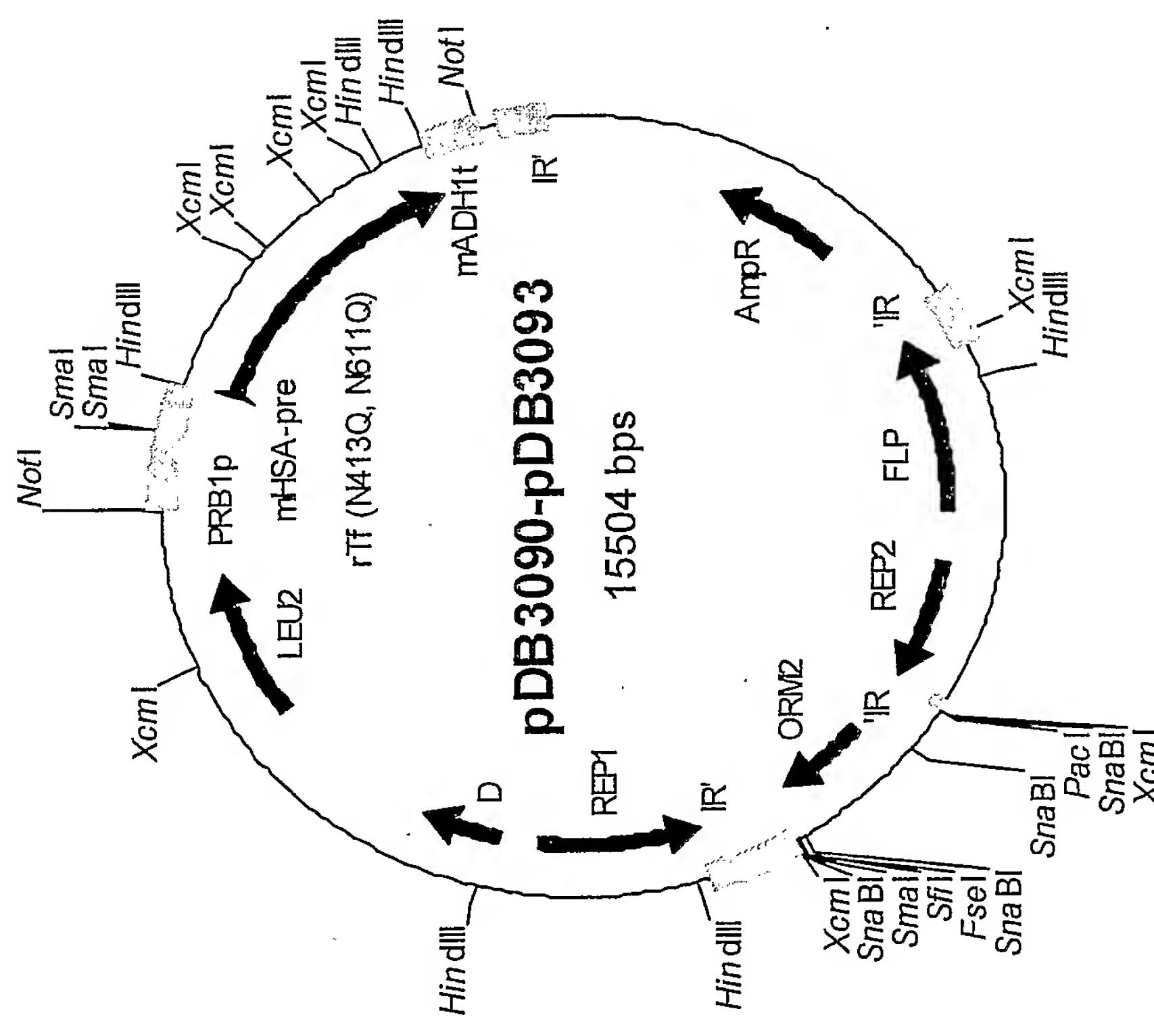


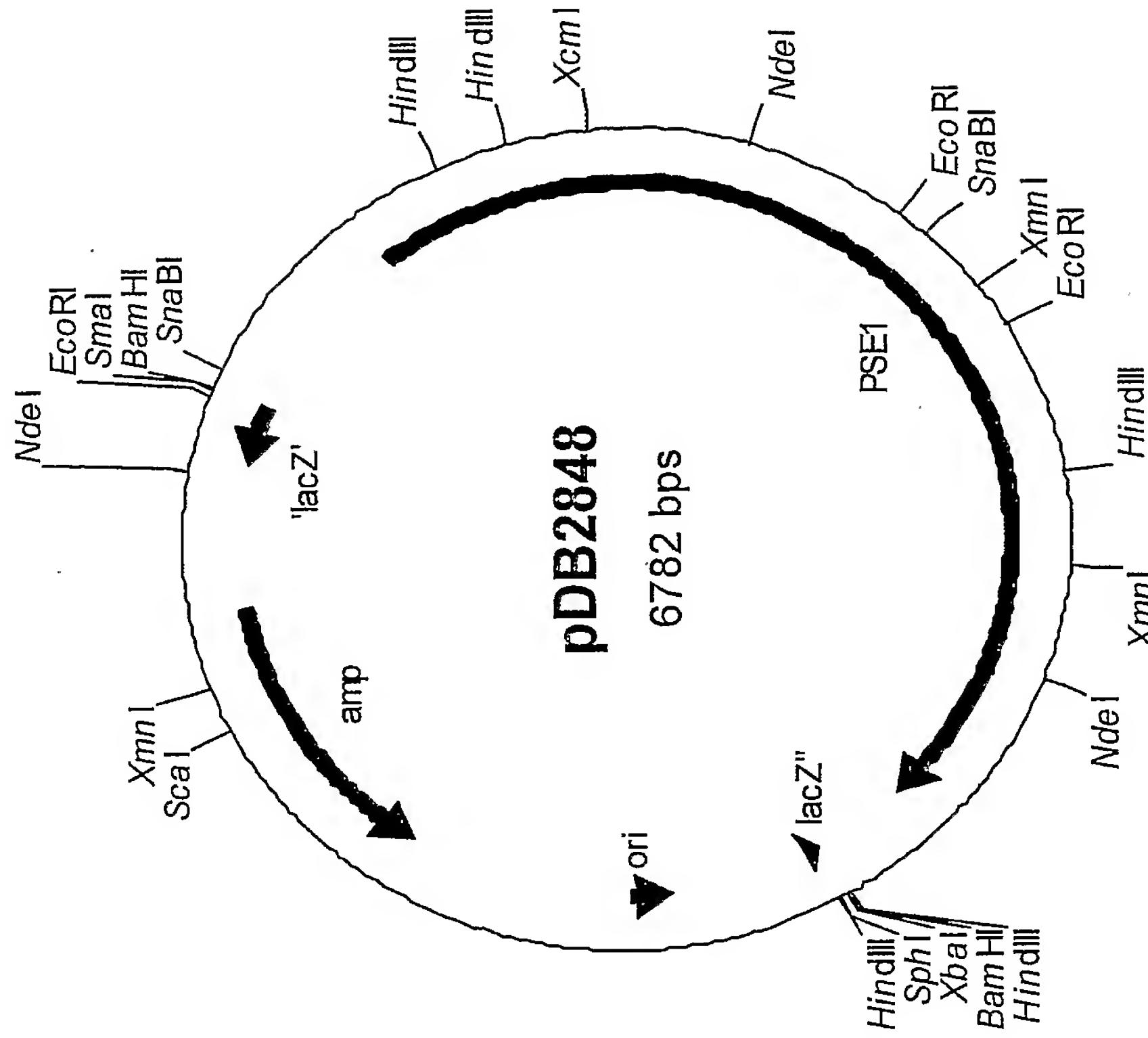
FIGURE 74

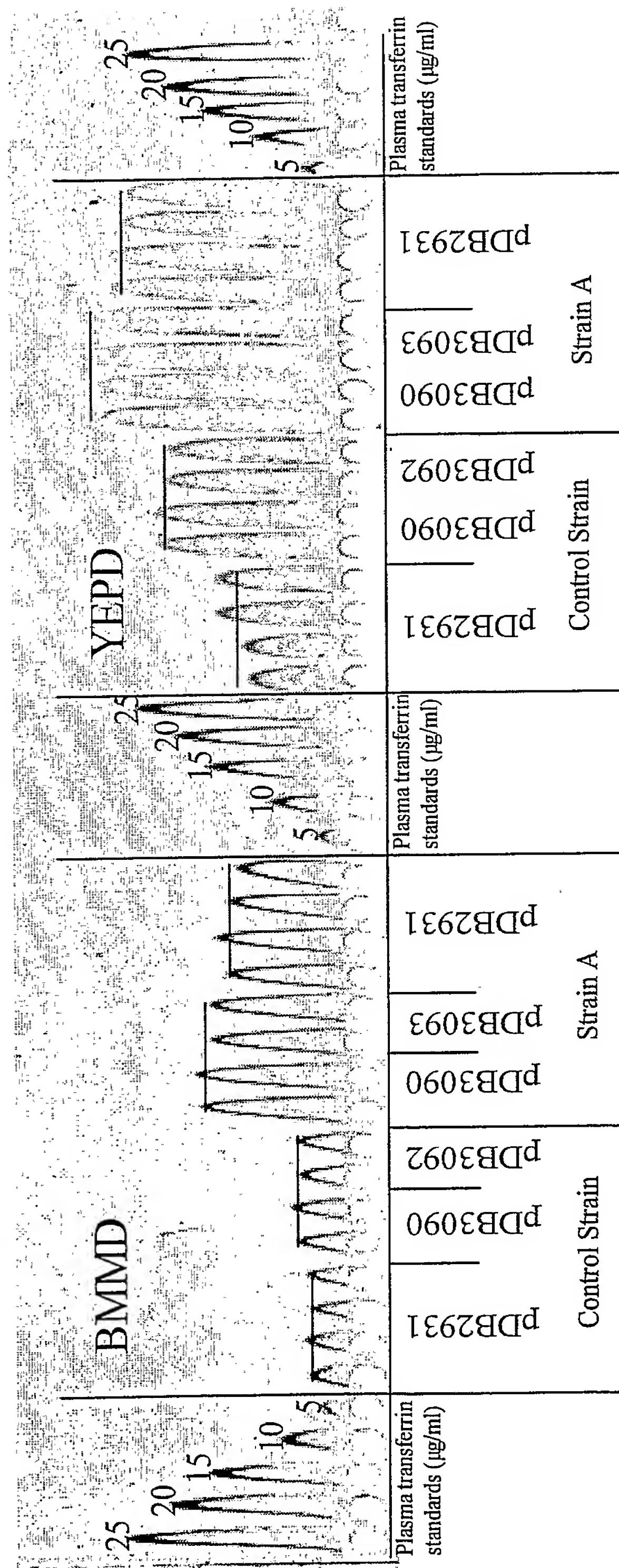
## FIGURE 77

## FIGURE 75

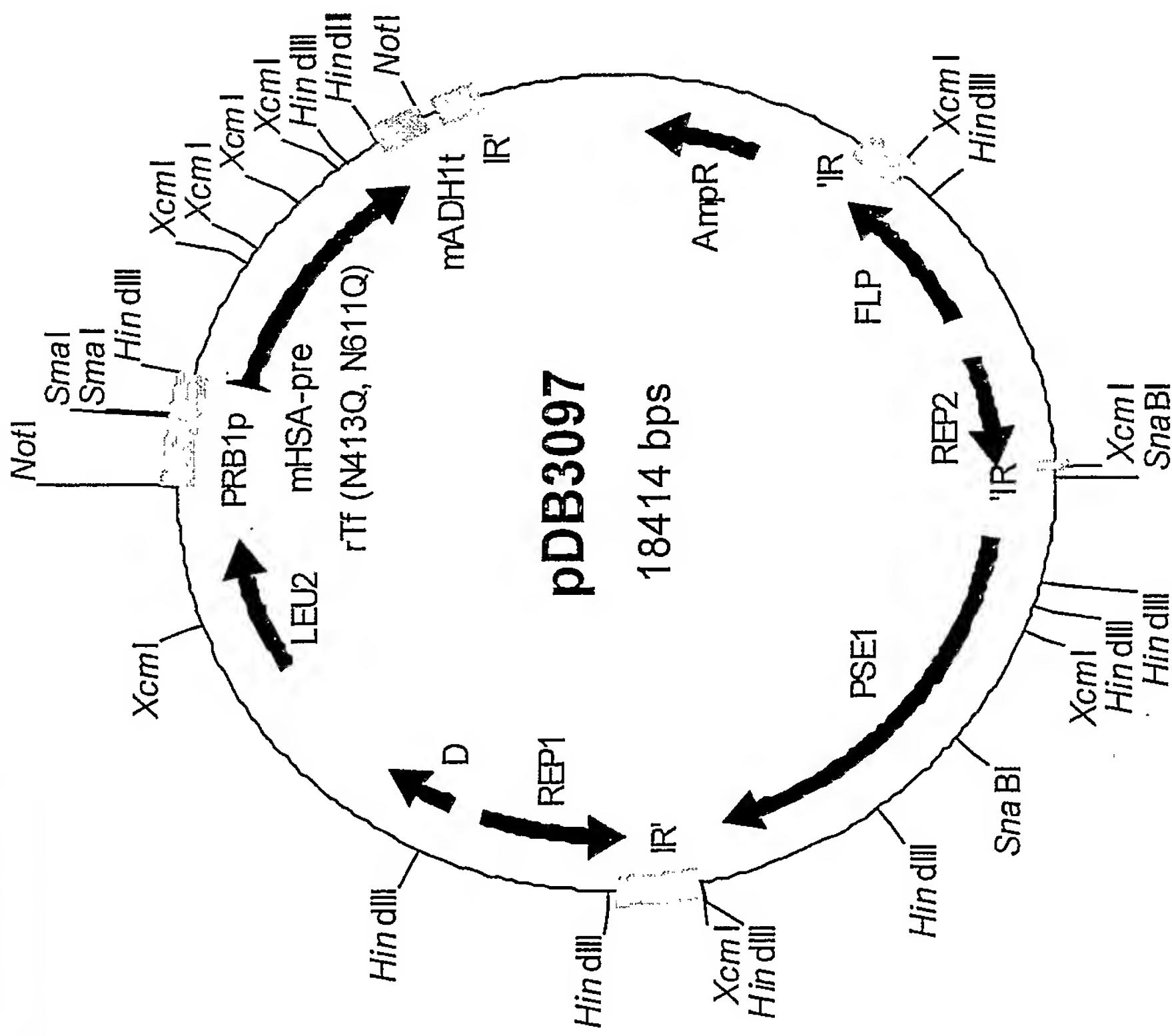


**FIGURE 77**

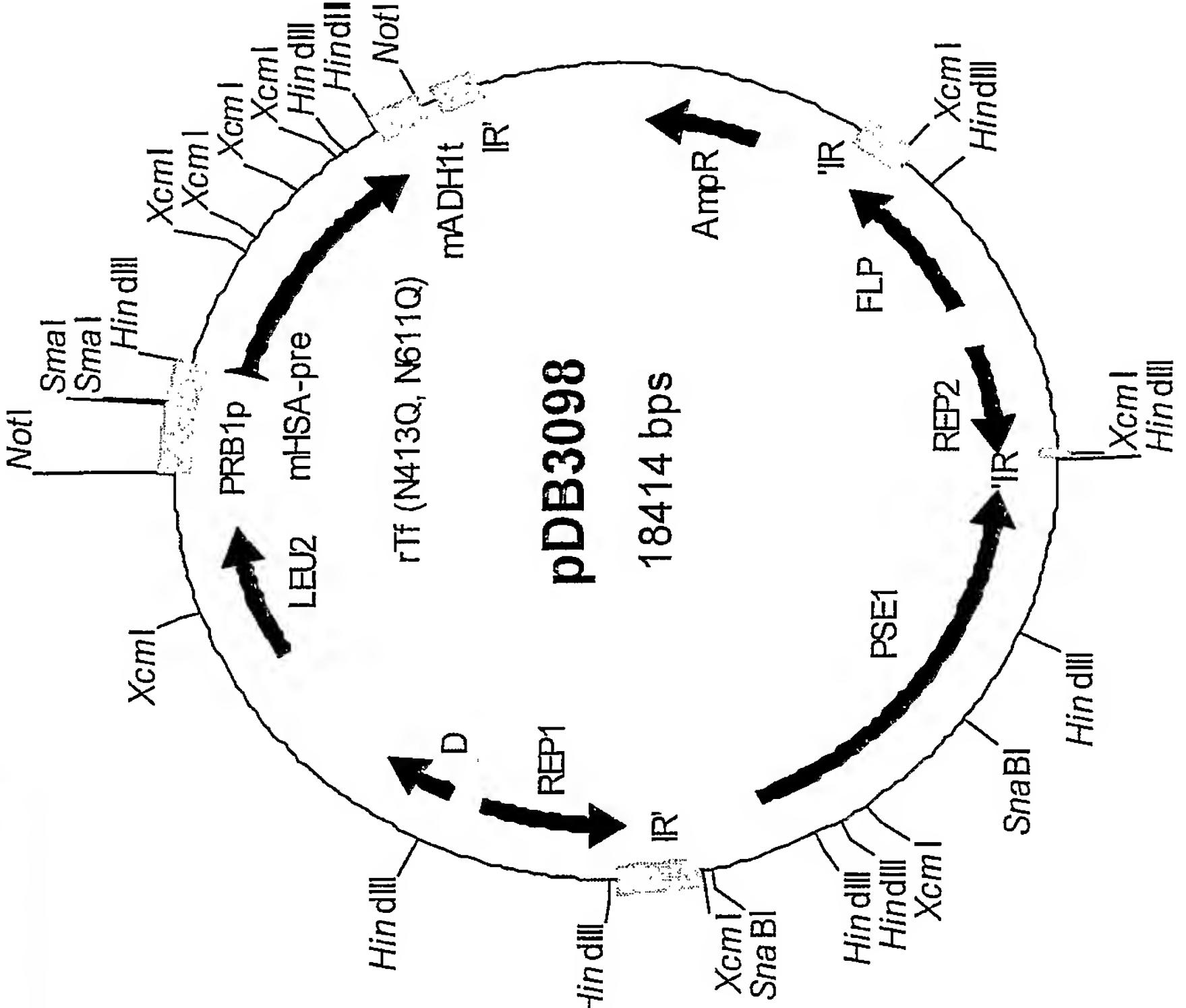


Figure 76

## FIGURE 78



**FIGURE 79**



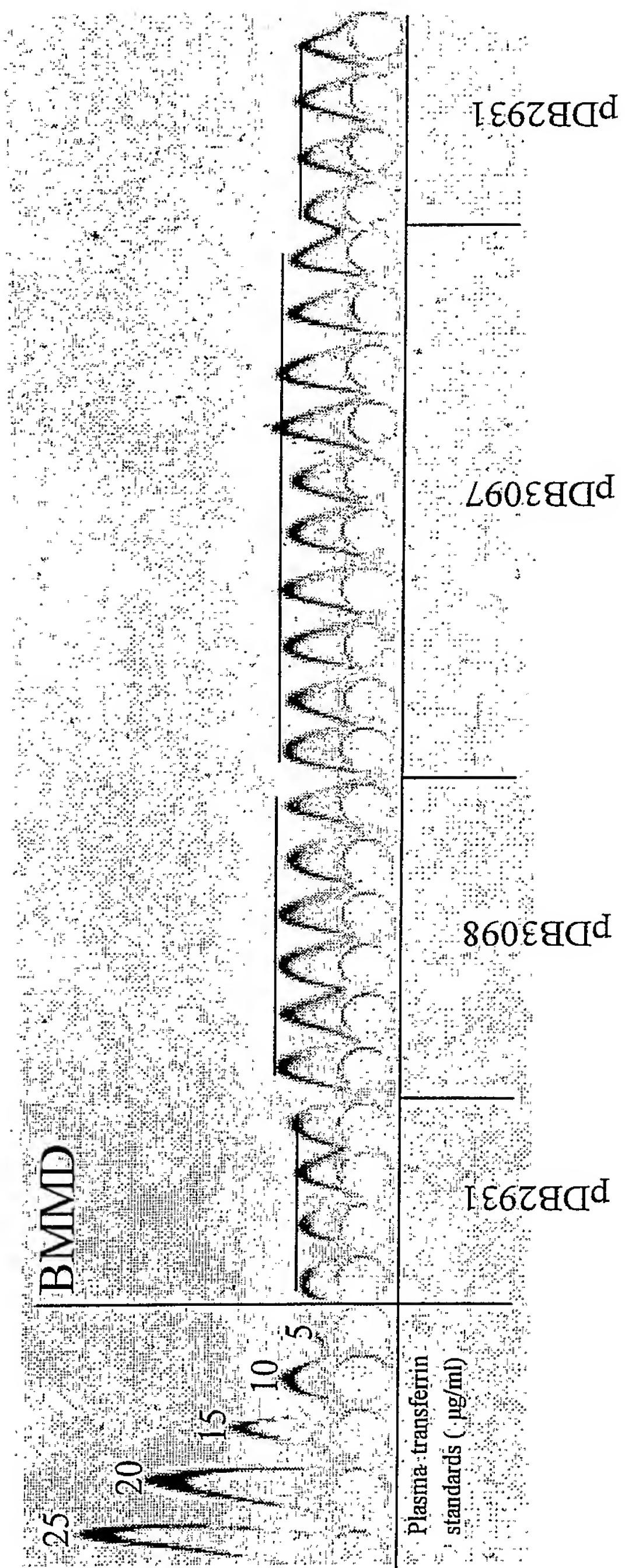
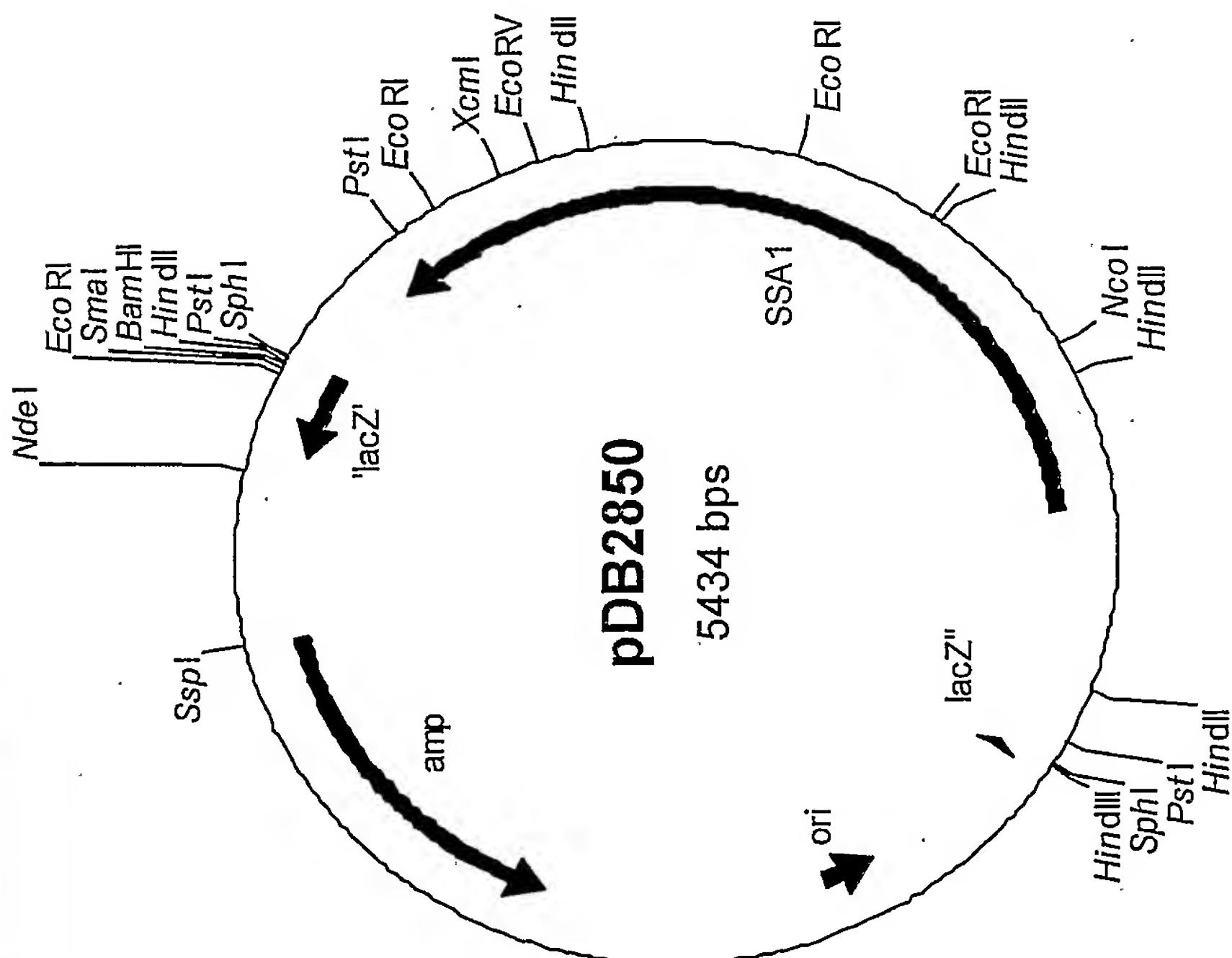
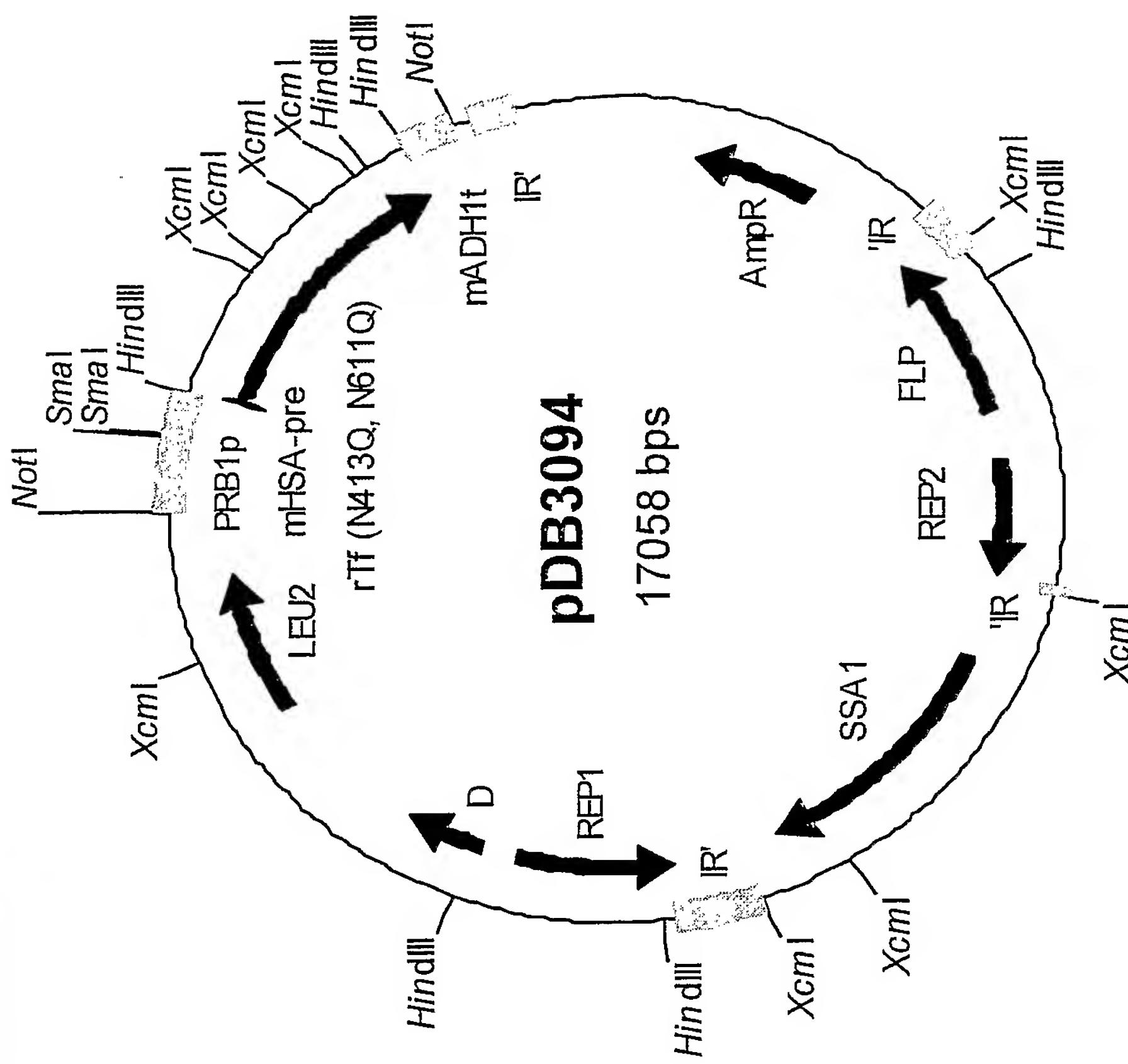
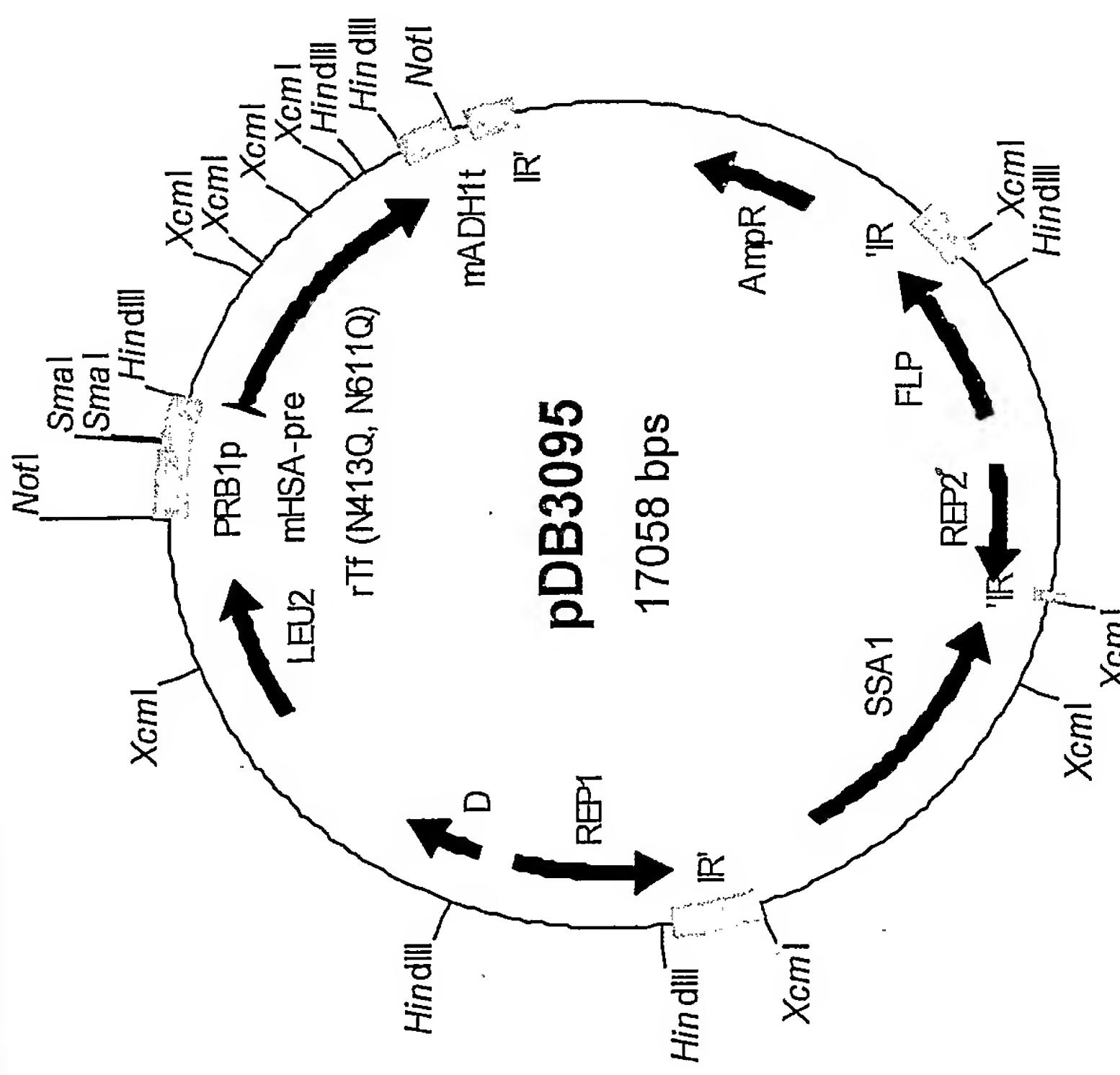
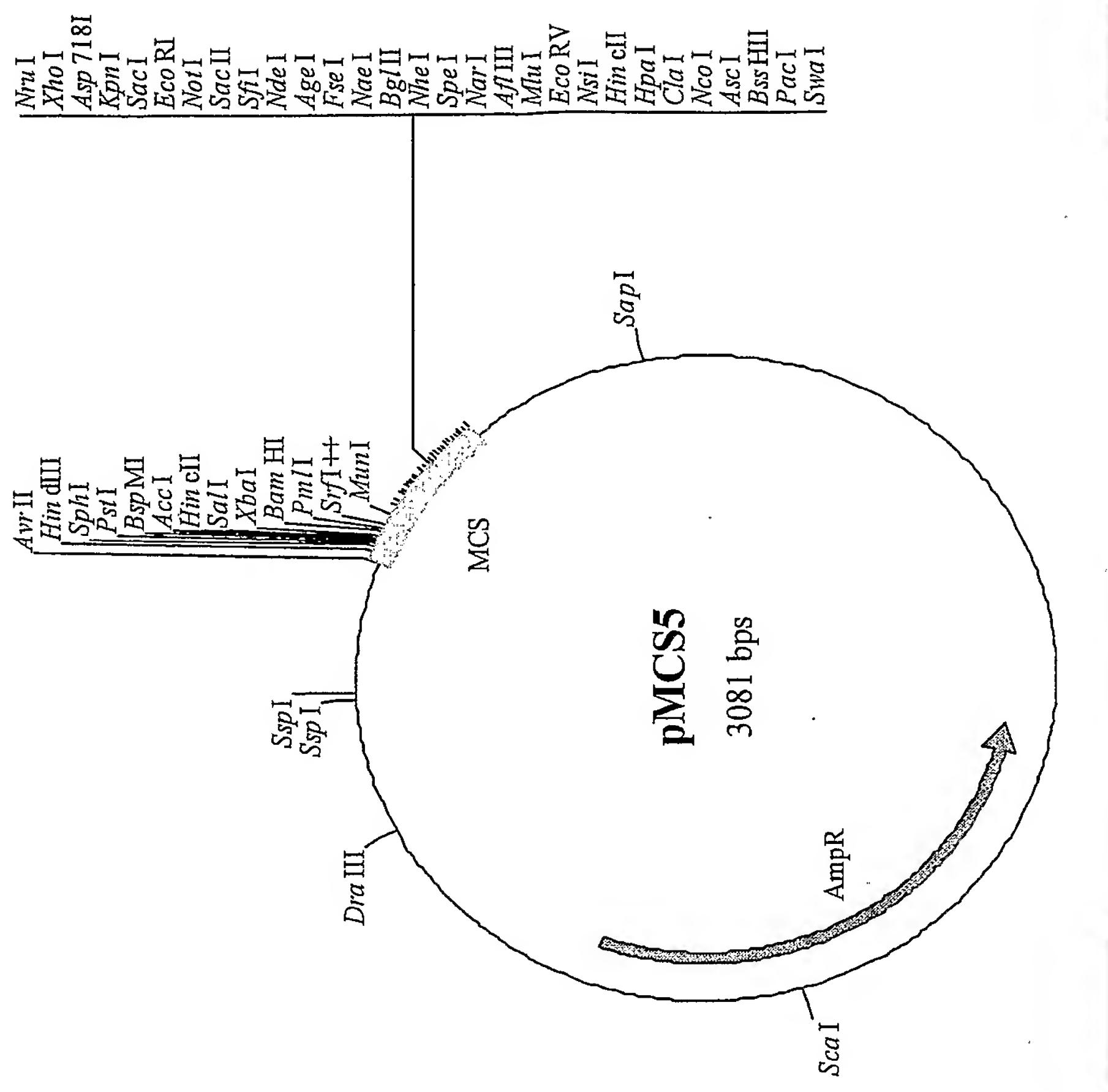
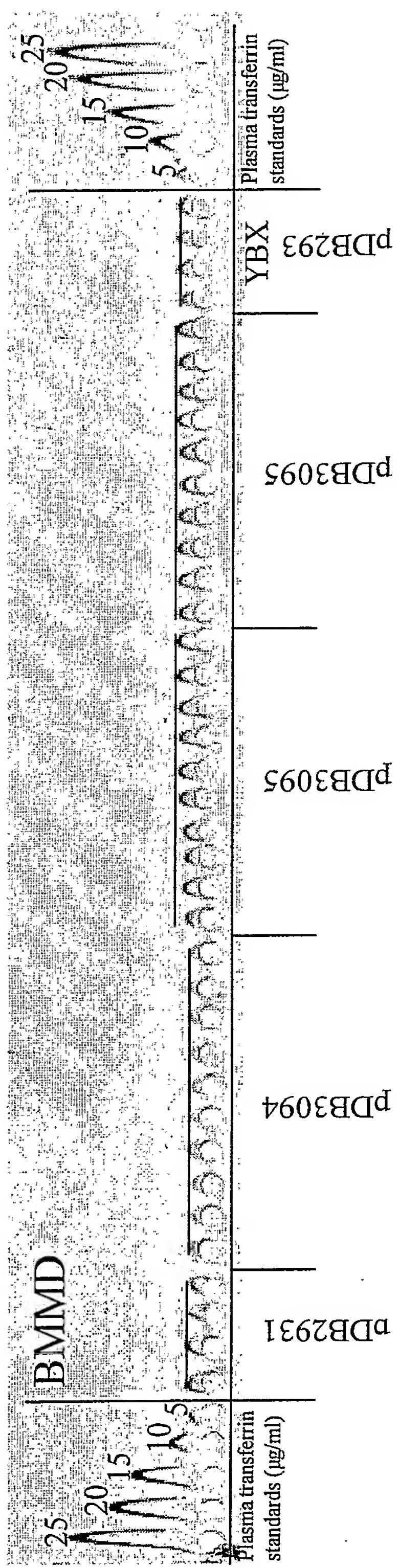


Figure 80

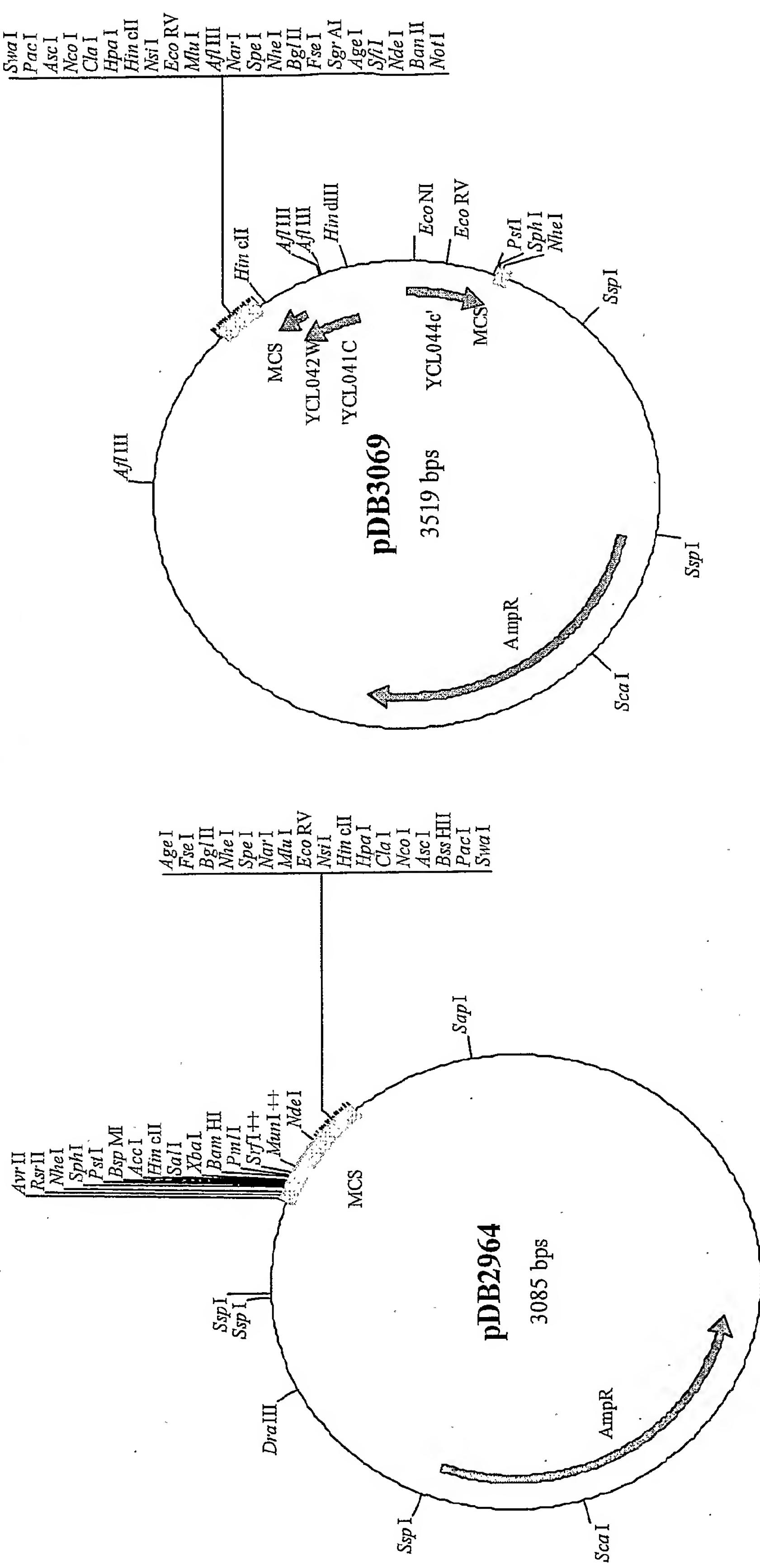
**FIGURE 81****FIGURE 82**

**FIGURE 83****FIGURE 85**

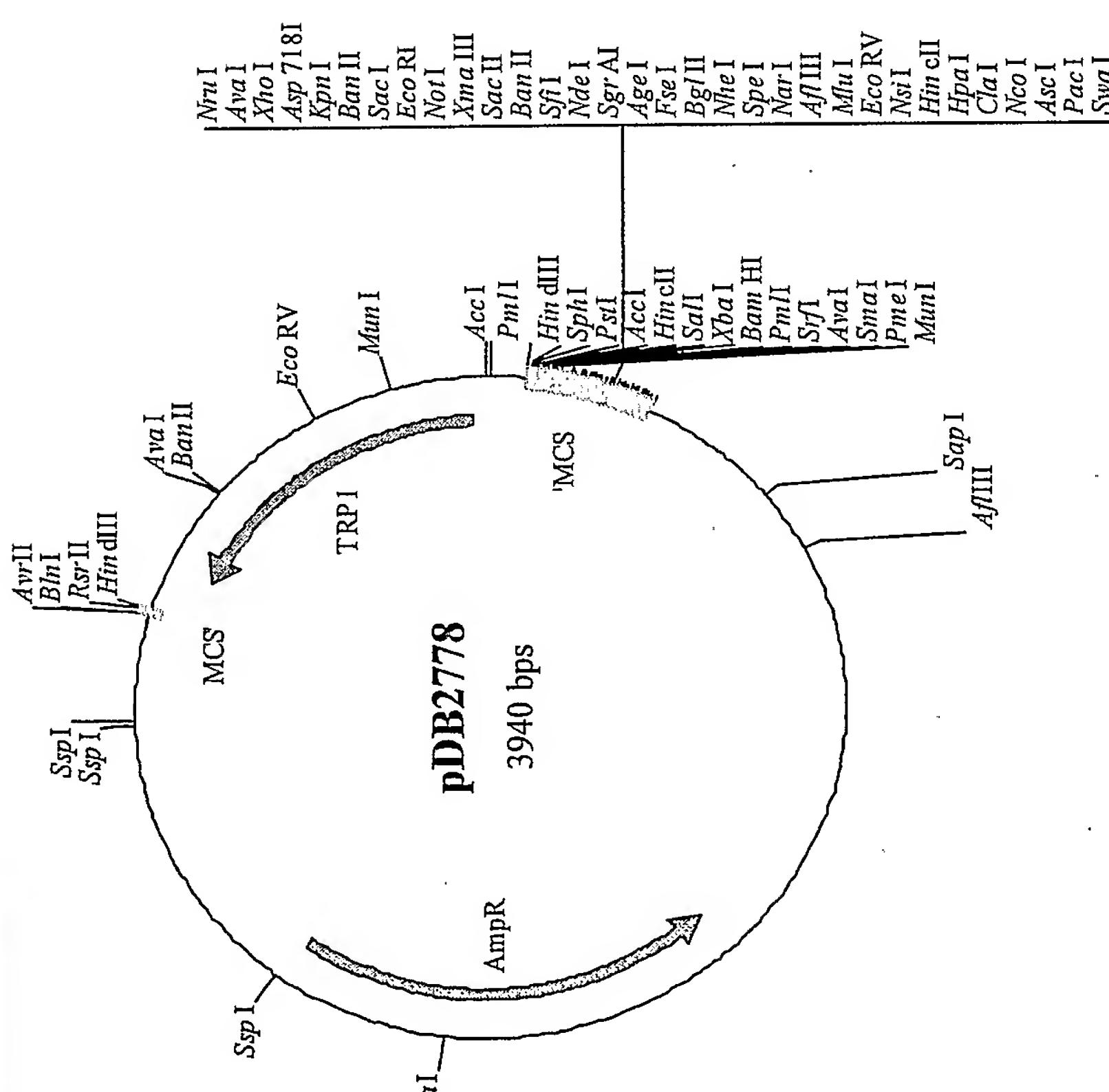
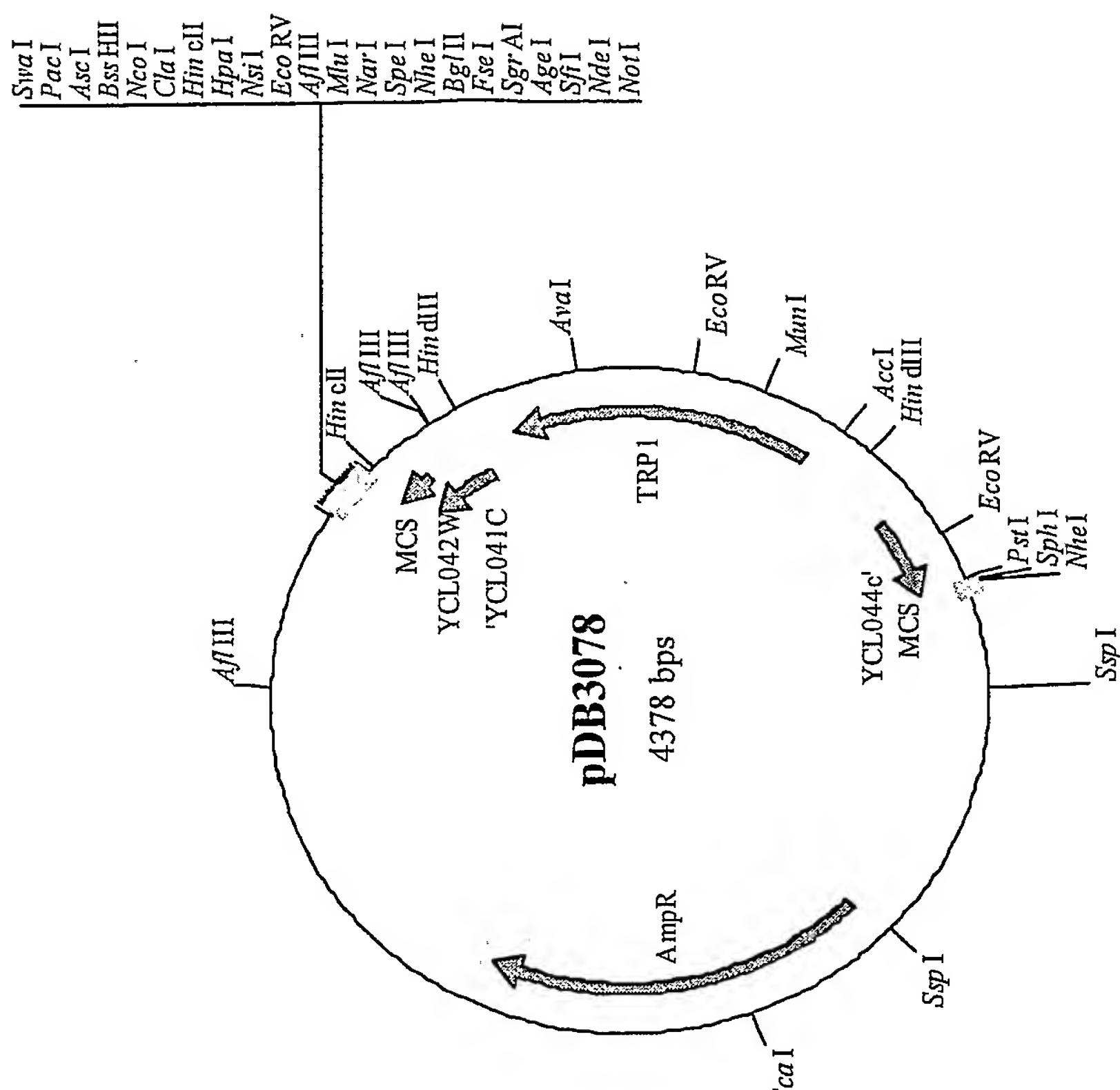


**Figure 84**

## FIGURE 86



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FIGURE 88FIGURE 89

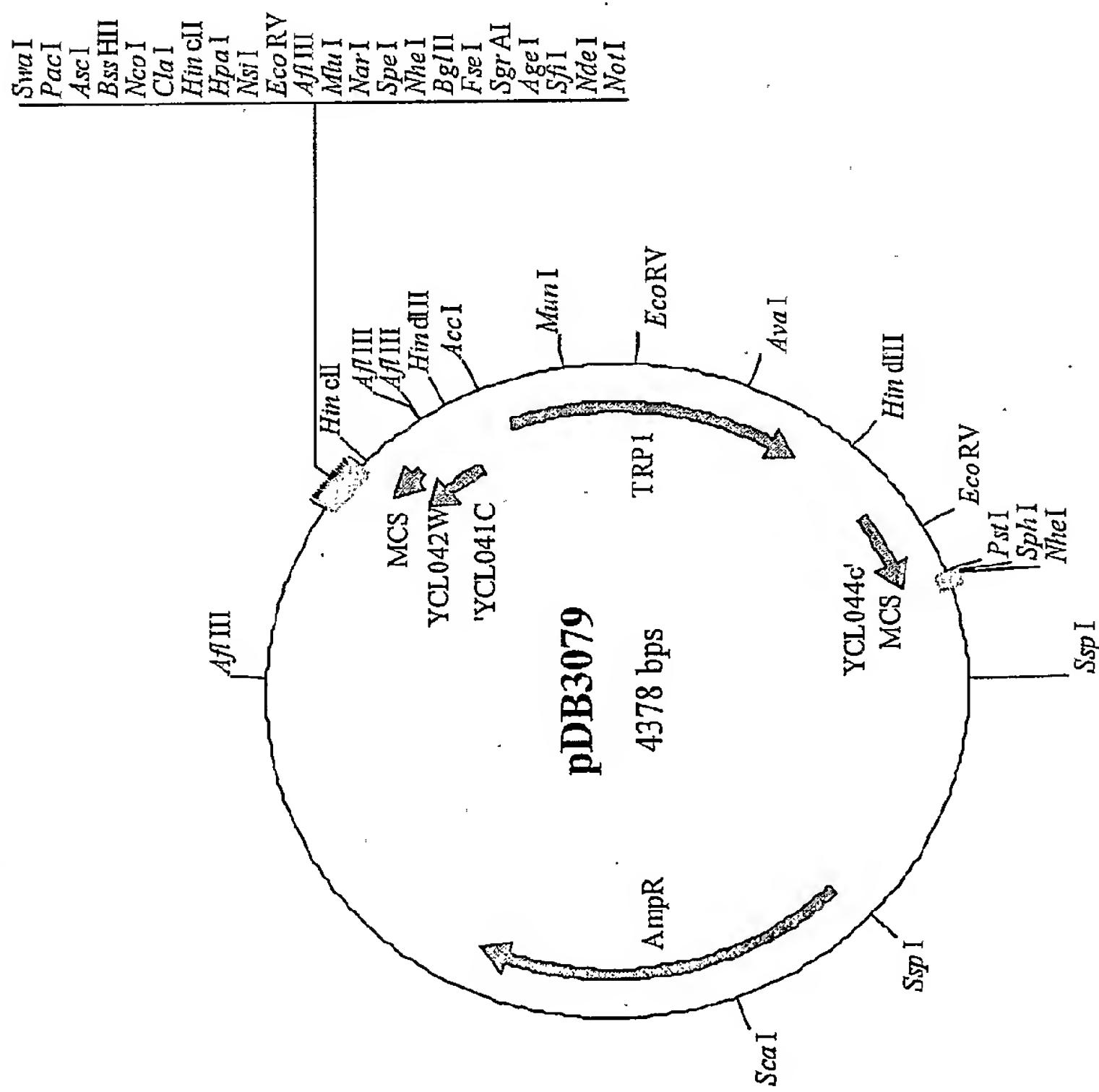
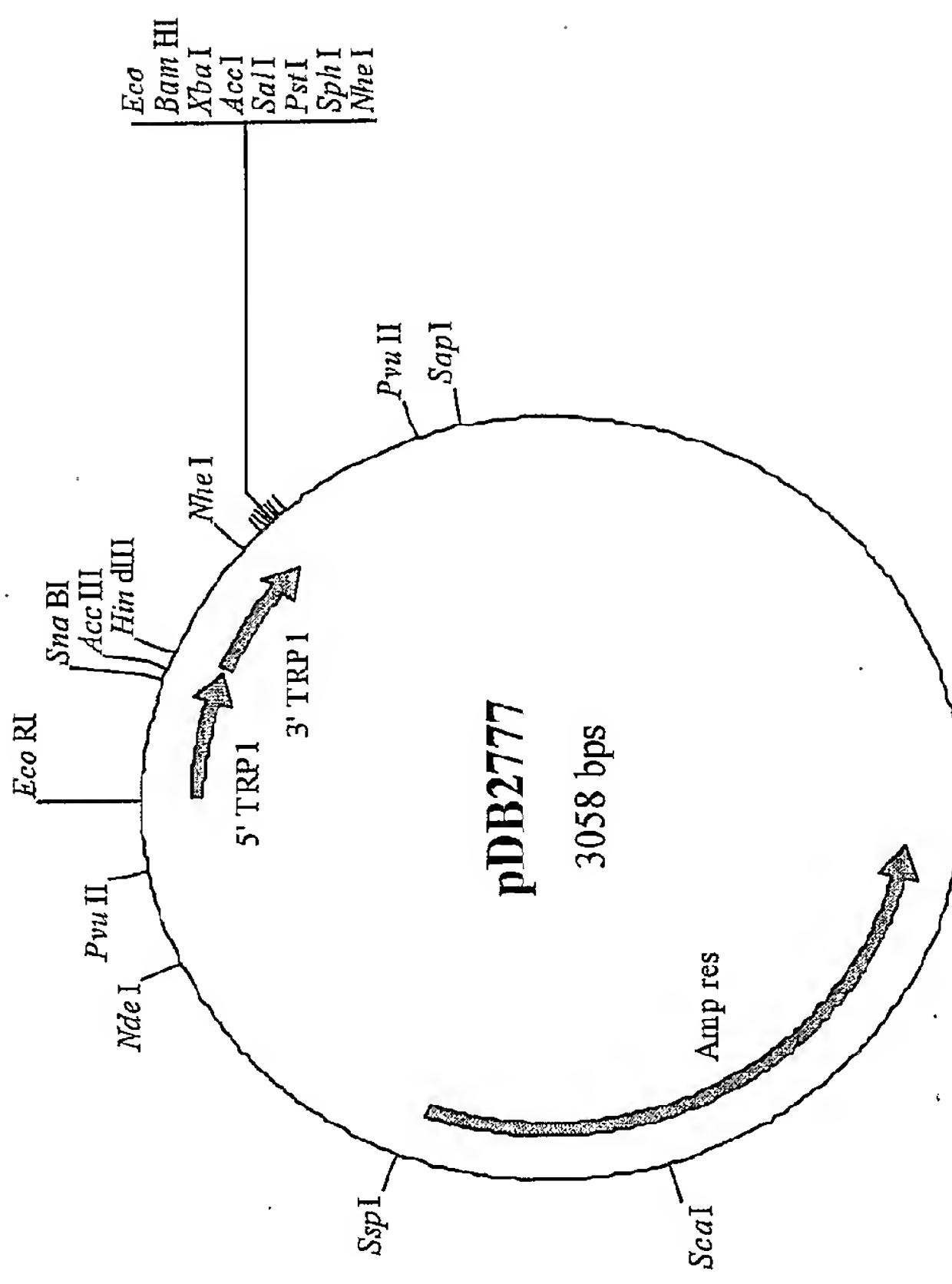
**FIGURE 90****FIGURE 91**

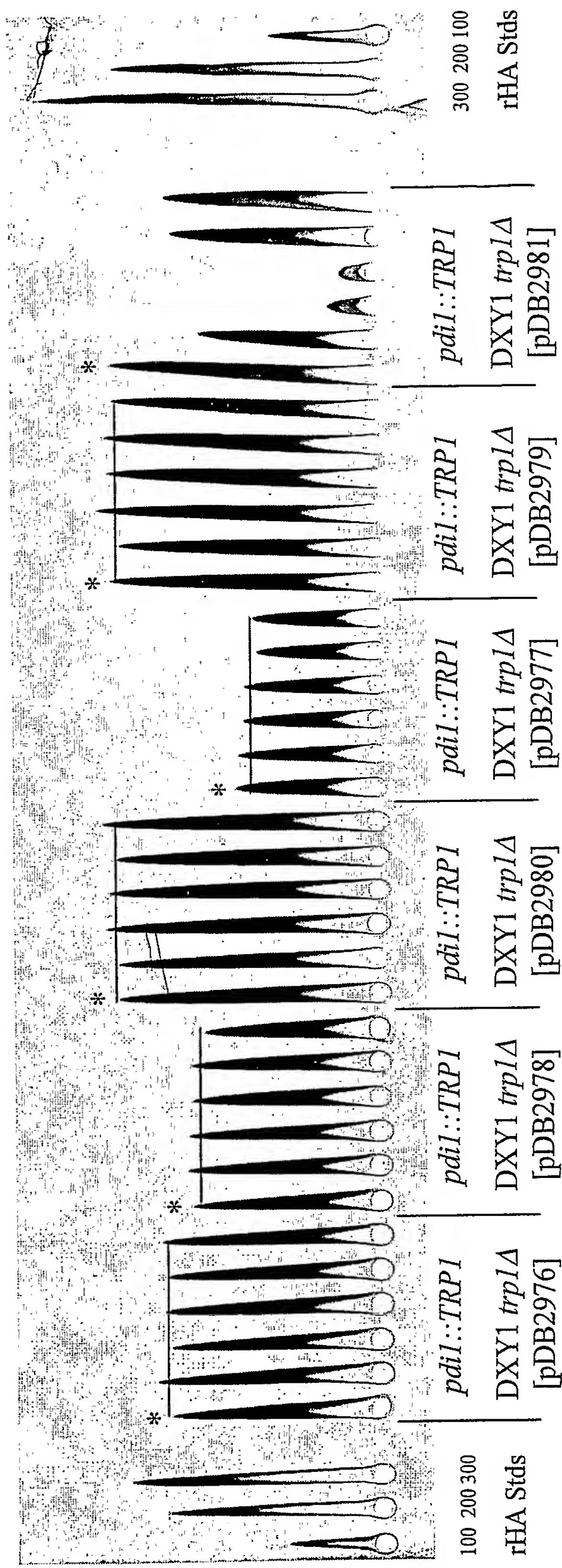
FIGURE 92

FIGURE 93

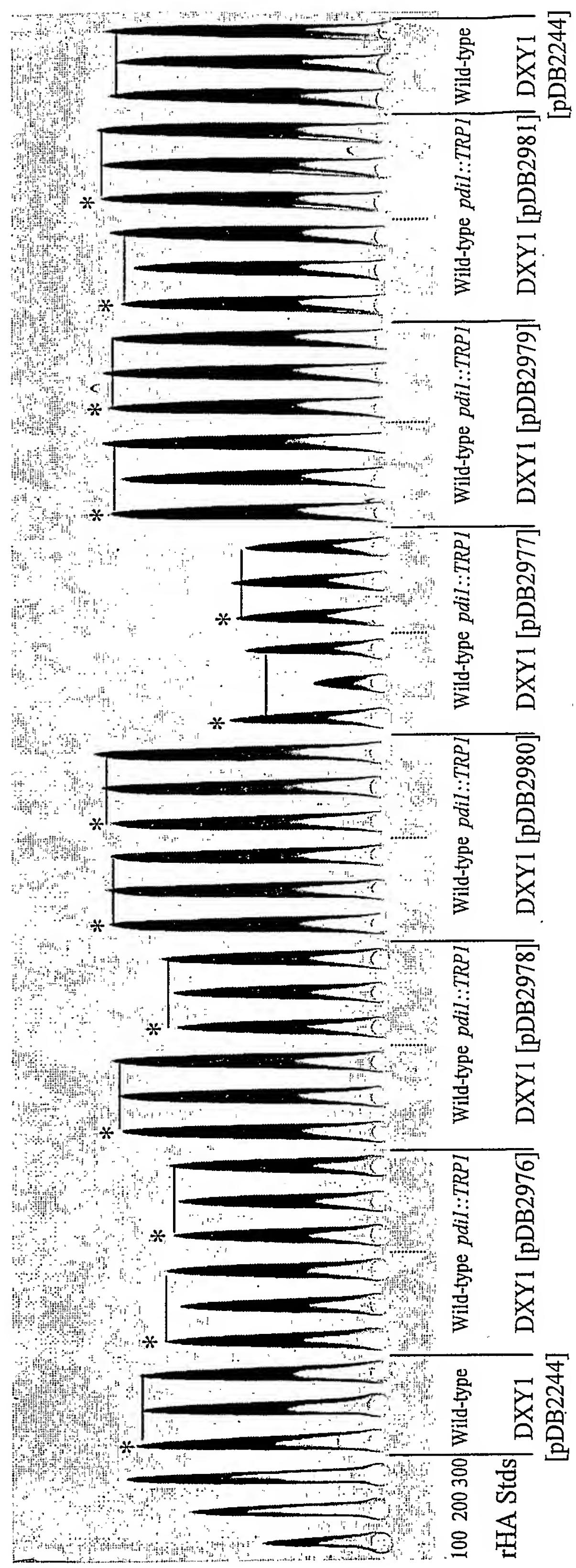


Figure 94A

Alignment Workspace of ExL.meg.J Hein (Weighted)  
20 December 2004 15:04

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CCACTCTTAAATGAGTACATTCACTGGCAACTTGCACTTGGCTTCCTGGAGTTTTCCTGCCTTCACTGAACTGTAAACAATGCCCTCTGAATACTGTTAACCGCGCG  
 340 350 360 370 380 390 400 410 420 430 440  
 CCACTCTTAAATGAGTACATTCACTGGCAACTTGCACTTGGCTTCCTGGAGTTTTCCTGCCTTCACTGAAACATGGCTCTGAATACTGTTAACCGCGCG 436  
 CCACTCTTAAATGAGTACATTCACTGGCAACTTGCACTTGGCTTCCTGGAGTTTTCCTGCCTTCACTGAAACATGGCTCTGAATACTGTTAACCGCGCG 440



Figure 94C

Alignment Workspace of ExLmeg U. Hein (Weighted)  
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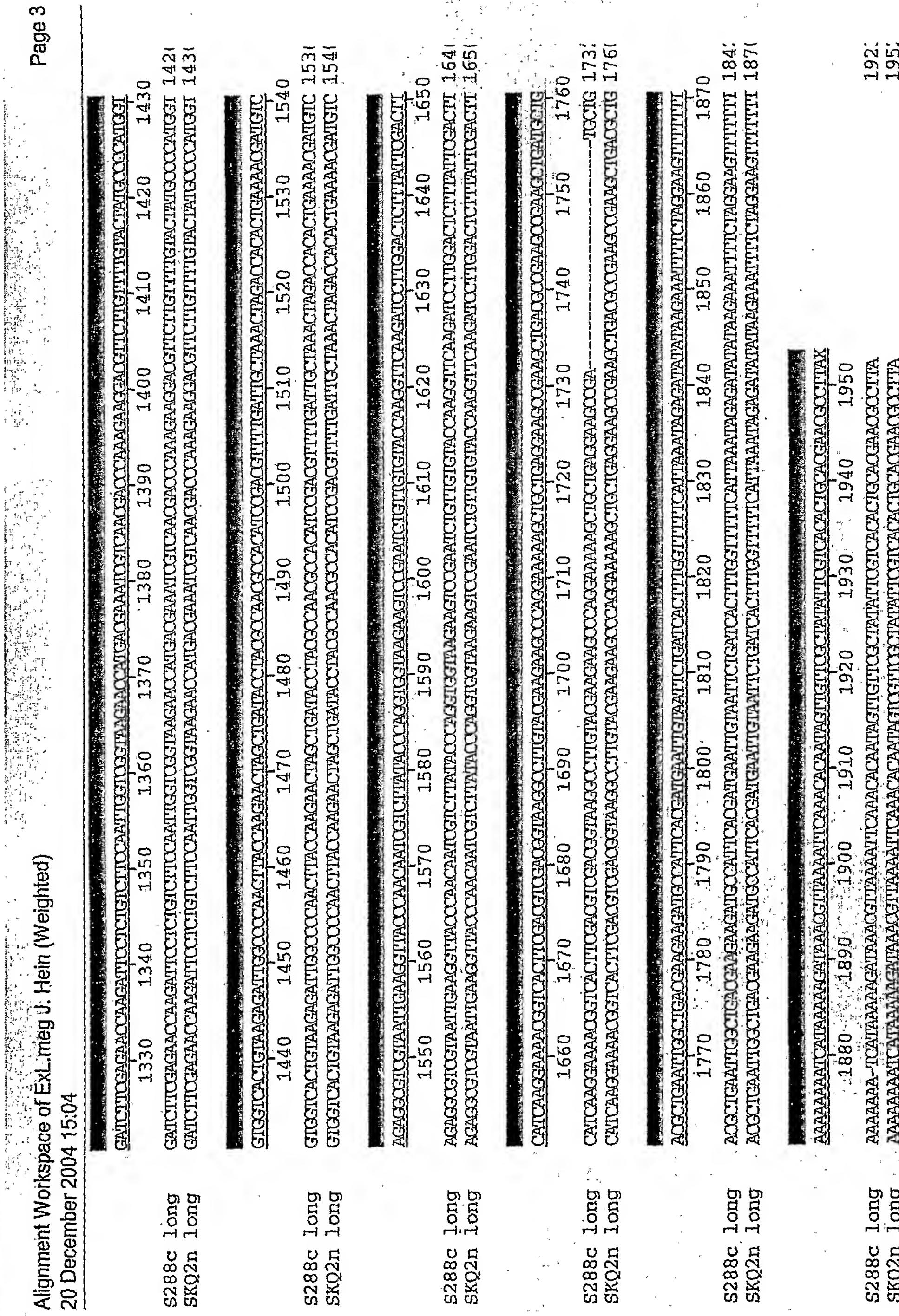


Figure 95

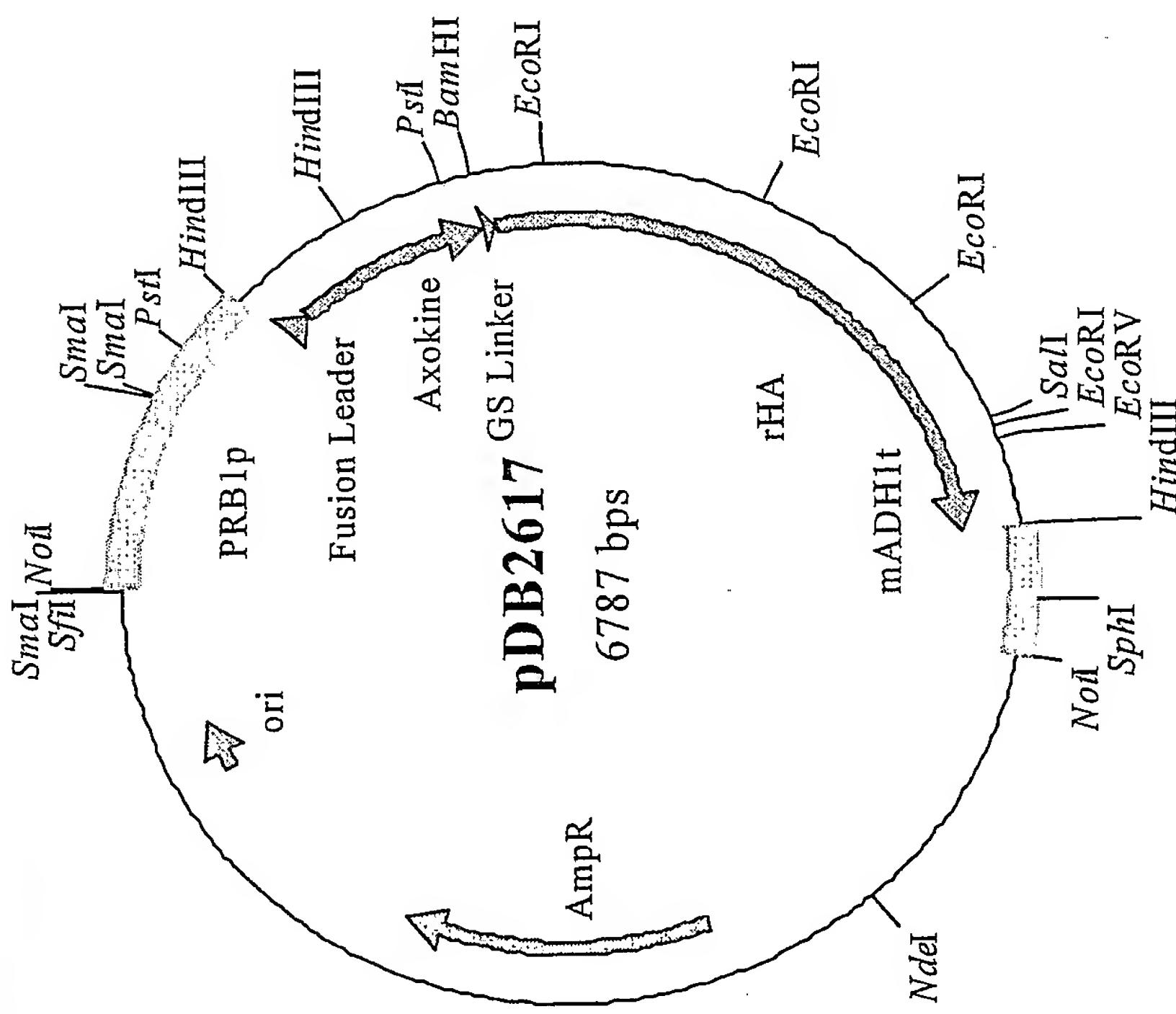


Figure 96

